

PUBLIC WORKS, IRELAND.

FIFTY-FIFTH ANNUAL REPORT

OF THE

COMMISSIONERS OF PUBLIC WORKS

IN

IRELAND:

WITH

APPENDICES,

FOR THE YEAR 1886-87.

Presented to both Houses of Parliament by Command of Her Majesty.



DUBLIN:

PRINTED FOR HER MAJESTY'S STATIONERY OFFICE

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1887.

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PUBLIC WORKS, IRELAND.

FIFTY-FIFTH ANNUAL REPORT

OF THE

COMMISSIONERS OF PUBLIC WORKS IN IRELAND, FOR THE YEAR 1886-87.

TO THE LORDS COMMISSIONERS OF HER MAJESTY'S TREASURY.

MAY IT PLEASE YOUR LORDSHIPS,

WE have the honour to submit our Fifty-fifth Annual Report on the several LOANS, VOTED, and MISCELLANEOUS services entrusted to our management, viz. :—

I. LOANS:

For Public Works under Acts 1 & 2 Wm. IV., c. 33, 40 & 41 Vic., c. 27, &c., embracing among others the following separate classes of loans :—

Labourers' Dwellings in Towns Act, 1866, and Housing of the Working Classes Act, 1885.

Glebe Loans.

Public Health.

River Drainage Works Act, 1863.

River Drainage Maintenance.

Lunatic Asylums Buildings.

Reformatories.

Labourers' (Ireland) Act, 1883.

National School Teachers' Residences.

Dispensary Houses.

Non-Vested National Schools and Training Colleges.

Industrial Schools (Ireland) Act, 1885.

Loans for Improvement of Lands, viz. :—

Drainage of Lands; Erection of Farm Houses and Buildings; Erection of Scotch Mills; Erection of Dwellings for Agricultural Labourers; Planting for Shelter.

Land Law (Ireland) Act, 1881, Loans to Tenants.

For most of the purposes enumerated in the preceding service.

Landlord and Tenant Act, 1870.

Loans under Relief of Distress Acts, 1880.

II. VOTED SERVICES:

Public Buildings, Ireland, viz. :—

Naval and Military; State and Official Residences; Civil Departments; Legal Departments; Metropolitan Police; Royal Irish Constabulary; Dundrum Criminal Lunatic Asylum; Science and Art Department; Public Education; Royal University and Queen's Colleges; Revenue Departments.

Royal Parks and Gardens :—

Phoenix Park; St. Stephen's Green; The Curragh of Kildare.

Royal Harbours :—

Kingstown; Horth; Donaghadee; Dunmore; Ardglass.

Inland Navigations :—

Tyrone; Malpas; Ulster Canal.

Royal University of Ireland Buildings.

Science and Art Buildings. New Museum and Library.

Ancient Monuments Protection Act, 45 & 46 Vic., c. 73.

III. MISCELLANEOUS OR NON-VOTED SERVICES:

Arterial Drainage Works.

Arterial Drainage, Maintenance and Increased Rents, and Railway Clauses Consolidation Act.

Fishery Piers and Harbours Acts, 1846 and 1883.

Fishery Piers and Harbours Maintenance.

Arklow and Kinsale Harbours.

Clare Slob Reclamation.

Shannon Navigation.

Boyne Navigation.

Irish Reproductive Loan Fund.

Sea and Coast Fisheries (Ireland) Loan Fund.

National Monuments and Ecclesiastical Ruins, 33 & 34 Vic., c. 46.

Post Road Repairs.

County Surveyors' Assistants.

Bridges, between Counties.

Limited Owners' Residences.

Arbitrations—For Railways and other Public Works.

Tramways and Light Railways (Ireland) Act, 1883.

Loans—Receiver's Account.

The following is an Abstract of Loans made by the Commissioners of Public Works, showing the Total Advances and Repayments

SERVICES, &c.	No. of open Loans Amounts on 31st March, 1887.	Advanced on Loans within the Year.			Total Advances to 31st March, 1887.			REPAYMENTS		
		£	s.	d.	£	s.	d.	£	s.	d.
I. PUBLIC WORKS LOAN FUND, IRELAND, 1 & 2 Wm. IV., c. 33; 40 & 41 Vic., c. 27:—										
1. Grand Juries of Counties, Roads, Courthouses, &c.,	40	3,781	13	2	748,440	13	5	8,533	11	0
2. Local Boards, Various Works,	26	2,100	0	0	144,974	0	0	1,161	14	4
3. Roads and Bridges, For Roads, Bridges, &c.,	7	—	—	—	200,577	0	4	6,485	3	9
4. Island Navigation, Erection and Completion,	5	18,500	0	0	105,397	6	3	873	17	9
5. Public Buildings, In aid of Construction,	5	4,000	0	0	57,000	0	0	411	6	0
6. Railways, In aid of Construction,	28	46,468	11	11	1,036,090	10	11	2,307	13	3
7. Quarries, Mines, and Miscellaneous, In aid of Construction,	1	—	—	—	15,383	0	0	29	6	6
8. Harbours, Docks, &c., In aid of Construction,	24	33,161	0	0	488,039	6	1	4,946	16	8
9. Fishery Piers and Harbours, Act 9 Vic., c. 3,	7	—	—	—	53,544	17	3	721	6	9
10. Reclamation of Waste Lands, 1 & 2 Wm. IV., c. 33,	3	9,500	0	0	124,151	0	0	—	—	—
11. Labourers' Dwellings in Towns, Act 29 & 30 Vic., c. 44,	86	3,015	10	0	189,761	18	2	4,183	10	9
12. Housing of the Working Classes, 48 & 49 Vic., c. 72,	21	56,872	0	0	68,272	0	0	1,215	11	3
13. Artisans' Dwellings, Act 38 & 39 Vic., c. 36,	6	—	—	—	81,000	0	0	1,761	13	6
14. Glebe Loans, Act 33 & 34 Vic., c. 112,	854	17,091	0	0	201,753	0	0	8,783	3	3
15. Public Health, 37 & 38 Vic., c. 93, & 41 & 42 Vic., c. 53,	436	103,869	18	2	1,346,014	12	1	58,178	19	3
16. River Drainage and Navigation, Act 5 & 6 Vic., c. 85, Act 29 & 30 Vic., c. 43, and 43 & 44 Vic., c. 14, & 13,	183	—	—	—	2,082,092	7	3	3,076	8	6
17. River Drainage Maintenance, Act 29 & 30 Vic., c. 43, and 43 & 44 Vic., c. 14, & 13,	221	300	0	0	41,401	16	4	2,461	12	6
18. River Drainage, Act 20 & 27 Vic., c. 80,	816	58,356	0	0	634,836	18	10	24,398	9	11
19. PUBLIC WORKS LOANS, 37 Geo. III., c. 34,	1	—	—	—	491,444	19	8	—	—	—
20. REPAIRS OF ROADS AND BRIDGES, 6 & 7 Wm. IV., c. 116,	1	—	—	—	135,935	3	1	335	4	10
21. LAND IMPROVEMENT PRELIMINARY, 10 Vic., c. 32, & 16,	607	500	0	0	60,000	0	0	833	15	10
22. REPAIRS OF EMBANKMENT PIERS, 16 & 17 Vic., c. 136,	19	597	10	8	14,647	8	8	1,731	18	2
23. MAINTENANCE OF NATURAL-TOSS WORKS, 19 & 30 Vic., c. 63,	1	54	0	0	2,484	0	0	—	—	—
24. GAOLS AND BRIDEWELLS, 50 Geo. III., c. 103,	1	—	—	—	832,738	6	9	30	0	0
25. LUNATIC ASYLUMS ESTABLISHED, 1 & 2 Geo. IV., c. 35, &c.,	153	27,020	5	5	1,350,448	12	8	24,098	0	6
26. BUILDING SCHOOLS, 53 Geo. III., c. 107,	2	—	—	—	10,263	5	7	12	13	4
27. RELIEF OF DISTRESS, 43 Vic., c. 4,	2	—	—	—	15,730	0	0	115	0	0
28. SICK BENEFIT, 43 Vic., cap. 1,	45	—	—	—	647,562	11	10	19,496	13	7
29. EMIGRATION, 45 & 46 Vic., c. 47,	30	80	0	0	11,755	3	10	458	15	0
30. LABOURERS' ACTS, 45 & 47 Vic., c. 60, &c.,	634	116,288	6	0	232,402	19	10	1,399	3	8
31. IMPROVEMENT OF LANDS, Act 10 Vic., c. 33, &c.:— For Drainage, Farm Buildings, Labourers' Dwellings, Planting for Shelter, Scotch Mills, &c.,	5,072	56,566	11	9	3,871,132	8	6	70,229	12	1
32. NATIONAL SCHOOL TEACHERS' REMUNERATION, 38 & 39 Vic., c. 32,	295	6,900	0	0	60,303	0	0	864	9	10
33. DISPENSARY HOUSES, 42 & 43 Vic., c. 25,	37	7,758	0	0	43,468	0	0	816	18	7
34. NON-VESTED SCHOOLS AND TRAINING COLLEGES, 47 & 48 Vic., c. 23,	17	12,561	0	0	13,251	0	0	32	19	9
35. LAND LAW, 44 & 45 Vic., c. 40, & 31, Advances to Tenants for Improvement of their Holdings,	7,001	75,442	0	0	562,356	0	0	14,960	14	3
II. LAND ACT FUND, Act 33 & 34 Vic., c. 46:— Advances to Tenants to purchase their Holdings,										
	825	—	—	—	518,416	13	0	10,223	2	5
Totals Current Services,	17,963	630,913	6	11	16,836,315	19	3	255,769	7	2
" Closed "	—	—	—	—	18,673,428	0	1	—	—	—
Total Consolidated Fund Loans,	17,963	630,913	6	11	34,509,743	19	4	255,769	7	2
III. IRISH CHURCH FUND, Act 43 Vic., c. 4, and 43 & 44 Vic., c. 14:—										
1. Improvement of Lands,	1,880	2,620	0	0	923,619	17	5	21,070	13	1
2. Public Health,	75	—	—	—	38,835	19	0	1,603	3	2
3. Bazaar Works,	127	—	—	—	271,188	16	10	17,572	9	8
4. Relief of Distress, 43 & 44 Vic., c. 14,	7	—	—	—	11,383	13	4	823	13	4
5. Relief of Distress Grants,	—	—	—	—	19,000	3	0	—	—	—
6. Artisanal Drainage,	21	—	—	—	6,136	1	0	52	4	6
Total Irish Church Fund Loans,	2,119	2,620	0	0	1,269,812	13	7	40,822	3	9
Grand Total,	20,072	633,533	6	11	36,171,675	14	11	296,591	10	11

Advances and Repayments to the 31st March, 1887, the Amounts remitted, and Balances outstanding; also the within the Year.

within the Year.	Total of REPAYMENTS to P.M. Exchange on 31st March, 1887.		Amounts Remitted.	BALANCES outstanding, 31st March, 1887.		
	Interest.	Principal.		Principal.	Interest.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
2,338 16 9	687,083 18 8	106,538 9 9	—	61,386 16 9	—	1
5,380 10 5	12,701 0 10	35,337 11 4	—	134,373 19 2	53 4 4	2
4,702 19 1	79,696 18 5	65,970 16 3	6,821 11 11	114,058 10 0	83 8 8	3
2,087 9 5	20,767 0 10	73,079 11 6	—	85,639 5 4	36,011 7 10	4
804 4 2	38,493 0 11	5,338 8 8	1,963 17 11	17,085 1 2	—	5
17,867 18 2	239,343 5 4	238,014 6 6	—	803,847 5 7	88,558 5 4	6
39 9 2	14,719 5 9	3,222 9 6	—	963 14 3	—	7
11,227 12 3	81,145 2 10	166,997 6 8	74,836 3 3	332,678 0 0	7,103 6 5	8
170 12 3	91,090 9 0	5,612 3 6	—	2,038 8 3	4 1 8	9
—	—	12,000 0 0	—	126,161 0 0	11,112 15 6	10
6,538 12 10	22,179 8 6	37,939 8 6	7635 13 3	168,946 15 5	471 9 2	11
503 15 8	1,215 11 3	503 15 8	—	68,098 8 9	—	12
2,856 2 4	9,343 12 2	17,124 19 9	—	71,656 7 10	—	13
11,084 17 5	69,145 10 3	95,615 6 7	—	322,607 9 9	28 6 3	14
41,637 13 1	194,834 14 6	213,423 6 4	—	1,151,189 17 7	6,117 13 4	15
304 9 2	870,270 12 5	767,834 15 5	1,207,882 5 7	4,199 9 3	124 6 5	16
735 1 10	35,770 10 10	9,690 18 0	153 0 0	15,566 5 6	315 14 5	17
15,036 17 5	133,047 6 0	118,709 4 7	—	561,809 12 10	6,191 9 0	18
160 0 0	307,535 0 3	197,262 5 10	177,311 13 5	6,000 0 0	—	19
11 17 1	131,908 3 1	162 11 8	—	—	—	20
—	88,486 15 2	—	4,013 3 1	530 1 9	—	21
145 0 0	12,125 13 4	1,240 0 11	—	2,921 15 4	14 16 4	22
—	2,430 0 0	0 0 2	—	54 0 0	—	23
—	890,815 1 0	0 15 3	1,928 5 9	15 0 0	—	24
3,612 15 6	1,148,624 4 7	19,559 19 2	12,188 0 0	219,041 8 1	17 11 0	25
12 0 8	9,373 6 3	37 7 1	300 15 4	579 4 0	—	26
90 10 4	14,921 0 0	679 1 11	—	835 0 0	13 4 8	27
—	695,594 18 4	0 0 9	—	41,867 13 6	—	28
947 18 5	3,667 9 11	1,011 12 4	—	8,087 13 11	80 14 6	29
3,441 3 6	1,470 9 3	4,011 7 3	—	220,922 19 7	163 13 5	30
48,615 5 6	2,364,260 16 10	1,201,073 8 9	—	1,506,861 11 8	21,451 10 8	31
1,318 11 11	3,289 15 11	7,422 17 2	—	57,073 4 1	—	32
1,168 15 10	1,093 12 6	3,824 2 7	—	40,872 7 6	8 19 11	33
93 4 7	32 19 9	161 3 2	—	15,318 0 3	—	34
15,441 4 4	29,923 18 0	34,013 8 8	—	532,450 2 0	845 16 0	35
13,302 11 5	130,177 17 10	176,097 15 1	—	388,218 15 2	2,786 11 5	36
211,087 7 6	8,259,383 16 6	3,643,517 13 3	1,485,271 0 6	7,081,800 15 3	181,228 6 0	37
—	11,507,215 11 11	586,930 3 10	6,468,312 8 2	—	—	38
211,067 7 6	10,866,099 8 5	4,130,447 17 1	7,935,883 17 8	7,081,800 15 3	181,528 6 0	39
7,748 18 11	88,392 19 6	31,897 7 0	1206 7 9	835,090 10 2	2,405 8 0	40
292 14 3	4,965 7 0	1,422 3 8	—	33,675 3 0	111 4 8	41
2,533 10 1	70,154 9 4	9,924 15 6	—	201,034 1 6	—	42
60 17 3	3,017 13 4	345 9 0	—	6,356 0 0	2 11 1	43
21 8 0	151 17 10	64 9 4	19,069 3 0	5,884 3 2	7 8 1	44
10,480 8 5	*168,680 7 0	*43,054 4 6	19,275 10 9	1,062,017 17 10	3,524 11 10	45
221,567 15 11	20,085,288 15 5	4,173,802 1 7	7,972,859 8 5	8,163,378 11 1	185,192 17 10	46

* Repaid to Irish Land Commissioners.

+ £317 15s. 6d. realized in the year, per Act 45 & 46 Vio., c. 45.

‡ £199 15s. 6d. principal charge cancelled by redemption in the year. The annual instalments, which included interest at 1 per cent, were, on equitable grounds, redeemed as if they included interest at 3 per cent.

Railway, and in this way will no doubt become a great convenience to the intermediate district. The Company are also making a branch line of tramway to connect the Arrigna iron works near Drumshambo with their main line at Ballinamore. The whole length of the line is nearly 50 miles, and will therefore admit of being worked economically by the Company's own rolling stock and engines, thus holding its own independent position as regards traffic arrangements between the two systems of railways connected by it.

These two advances have been made under the Public Works Loans Tramways (Ireland) Act, 1886.

We now beg to refer briefly to the various classes of loan under our management, and to point out in continuation of former reports the progress which has been made in the past year. The first on this list is the Housing of the Working Classes Act, 1885, under which we are authorized to make advances for the limited period of three years to the 31st December, 1888, at reduced rates of interest commencing with $3\frac{1}{2}$ per cent. when the term of years does not exceed twenty, and increasing by 2s. 6d. per cent. for each further period not exceeding ten years until the rate amounts to 3½ per cent. for the maximum period of from forty-one to fifty years. In this respect this Act modifies the Labourers Dwellings in Towns Act, 1866, under which the rate of interest was 4 per cent. for any period not exceeding forty years, and also the Artizans Dwellings Act, 1875, to which the same privilege applies. Under these conditions twenty-four loans were made in the year for £79,161, as against twenty loans for £50,755 in 1885-86. This increase does not indicate that any considerable advantage will be taken of the favourable terms on which such advances may for the present be made. In the period, however, we have received forty-five applications for upwards of £195,000, some of which are still under inquiry and may become future loans, the tendency, however, being that the amounts applied for generally admit of a large reduction before they reach the loan stage.

The Glebe Loans Act of 1879, the provisions of which have been repeatedly extended, and which will remain by the last of such extensions in operation until 31st December, 1888, shows a total advance spread over sixteen years of £391,753, to 916 borrowers. This advance has been made on foot of loans amounting to £398,738, sanctioned to clergymen of the following denominations:—

		£
250	Irish Church,	119,882
431	Roman Catholic Church,	203,468
187	Presbyterians,	40,139
48	Unitarians and others,	16,249
916		398,738

During the year fifty loans for £21,075 have been sanctioned, against fifty-seven loans for £18,971 in the previous year.

Under the Public Health Acts fifty-five loans for sanitary purposes, amounting to £63,028, have been authorized, which shows a large decrease from the transactions of the previous year, when the amount was £165,489, spread over only fifty-one loans. The loans obtained in the year were for the following purposes:—

No.		£
21	Water Works,	17,977
15	Sewerage,	10,263
2	Gas Works,	3,765
6	Paving,	25,800
5	Burial Grounds,	3,905
6	New Roads, &c.,	2,318
55		63,028

The total advances made for these and similar purposes now amount to £1,346,014, including £103,850 issued during the year.

The operations under the arterial drainage service have dwindled down to four small loans amounting to £14,882, including one supplemental loan for £2,500. The dual ownership of land arising out of the Land Law Act of 1881, does not encourage landlords who are primarily responsible for the cost of such works to take steps to promote them, except in very small cases in which they themselves are in occupation of the lands.

The Royal Commission on Public Works have recently made a very full inquiry into this subject, and have, in their first report, which has recently been laid before Parliament, made suggestions with the view to facilitate such works under the altered conditions referred to. The advances for this service for the year amount to £58,356, making a total of £700,992 issued to Drainage Boards since the passing of the Act 26 & 27 Vic., cap. 88; adding this sum to the cost of works carried out by the Board under the Act 5 & 6 Vic., cap. 89, gives a total expenditure for works of arterial or river drainage of £3,091,606, including £141,073 free grant, and £1,207,582 loans remitted.

The next class is that of loans to landlords under the provisions of the Land Improvement Act, 10 Vic., cap. 32, &c., in respect of which loans for £54,525 have been sanctioned in the year. Here, again, and no doubt for the reasons given under arterial drainage the operations for the year exhibit a marked decrease in number and in amount as compared with the transactions of former years, as appears from the following table:—

The decrease in the present year is nearly 55 per cent. on the average transactions of the four years ended the 31st March, 1885.

—		No. of Loans.	Amount.
			£
1881-82,	-	368	125,325
1882-83,	-	351	126,955
1883-84,	-	409	136,235
1884-85,	-	335	103,205
1885-86,	-	297	69,090
1886-87,	-	149	54,525

The total advances made to landlords for the various purposes authorized by these Acts now amount to £4,794,772.

The third division under which we make advances for the improvement of land comprises loans to tenants in pursuance of the 31st section of the Land Law Act of 1881, which are secured by a mortgage on their holdings. Under this head as under the two preceding heads, we have also to report a decided decline in the number of applications which we are unable fully to explain. It is, however, no doubt partly due to the necessity we are under, with the view of securing the repayment of the advances, to look more searchingly into the security; this includes the obligation of insisting on the production of rent receipt to the latest date before each instalment is issued. The loans sanctioned in the year number 736 for £60,953, show a marked decrease on the operations of the years preceding, as exemplified by the following table:—

Loans.		Amount.
		£
1883-83,	-	575
1883-84,	-	3,437
1884-85,	-	2,150
1885-86,	-	1,434
1886-87,	-	736
		8,332
		700,377

Since the passing of the Act 8,332 loans have been authorized, amounting to £700,377, in respect of which £562,356 has been actually advanced, including £75,442 in the year.

The total advances made through this Department during the last forty-two years for the improvement of land under the three services—arterial drainage, £3,091,606;

loans to landlords for the improvement of land, £4,794,772; and to tenants for like purposes, £562,356, amount to £5,357,128.

Under the Labourers (Ireland) Acts, 1883 and 1885, by which we can make loans to sanitary authorities for the erection of dwellings for agricultural labourers on the security of the rates of the district embraced in each scheme, 214 new charges have been created and loans sanctioned to the extent of £136,679, which nearly corresponds with the operations of the former year when 326 loans for £136,589 were made, making with previous authorizations a total of 607 loans for £358,007, on account of which the sum of £222,403 has been actually issued.

The other classes of loans detailed at pp. 6, 7, and 8 do not require any special observations on the present occasion. They include three loans to Grand Juries of Counties; one to the Corporation of Belfast for a library; one for Fox Lodge Industrial School, Belfast; six for additions and alterations to District Lunatic Asylums; fifty-three for National School Teachers' residences; ten for Dispensary Houses; nine for Non-vested Schools and Training Colleges: eleven under sec. 19 of the Land Law Act, 1881, for labourers' cottages; and one under the Land Act of 1870 to enable a landlord to compensate his tenant for improvements.

CHURCH FUND LOANS.

The advances out of the £1,500,000 authorized to be made by the Relief of Distress Acts of 1880, out of the Irish Church Funds amount to £1,269,923, including £3,625 made in the past year. The principal repayments in the year amounted to £40,822, and the interest payments to £10,480. The total repayments amount to £168,689 principal, and £43,054 in respect of interest.

ADVANCES AND REPAYMENTS.

The advances to Borrowers in the year out of moneys issued from the Consolidated Fund, were £660,913, and from the Church Fund £2,625, making a total of £663,538 as compared with £721,427 in 1885-86.

The total of all our loan advances since the year 1817, to 31st March, 1887, amounts to £36,171,677.

The classified abstract at pages 6 and 7, shows how this large amount has been disposed of by repayments, remissions and balances outstanding, viz.:-

	£
Total repayment,	20,035,289
Total remission,	7,972,859
Total outstanding Balance,	8,163,579
	<hr/> 36,171,677 <hr/>

This outstanding balance is represented, in the books of the office, by 20,072 open accounts, which are generally in course of repayment by half-yearly instalments.

The amounts received in repayment in the past year were as follows:—

	£
Principal,	296,521
Interest,	221,568
	<hr/> 518,159 <hr/>

of which £466,836 was paid over to the Exchequer, and £51,303 to the Irish Land Commissioners.

The repayments in the year, namely, £518,159 were thus less than those of the year preceding when they amounted to £527,533, the decrease arising from diminished receipts under the Seed Supply Act.

The arrears of principal and interest (due and not paid) which on the 31st March, 1885, were £287,534, and in March, 1886, £379,865, now amount to £432,586.

The following Abstract shows the services on which these arrears occur:—

COMPARATIVE RETURN OF LOAN ARREARS.

	31 March, 1885.	31 March, 1886	31 March, 1887.
	£	£	£
Public Works Loans generally,	6,921	9,966	16,517
Clare Slob Reclamation Loan,	12,245	5,874	11,113
Public Health Act,	4,728	7,254	8,769
Railways,	125,764	161,647	209,350
Land Charges,	54,173	77,967	88,289
Seed Supply,	27,350	61,454	41,948
Bad and Doubtful Debts,	56,333	55,893	56,580
	287,534	379,865	432,586

We regret to report that the amount of these arrears continues to increase, showing an advance on last year of £52,721. The increase on the several classes of loans comprised under the head of "Public Works Loans, generally," from £9,966 to £16,517, is accounted for by the principal instalments in the arrear on the loan for Dublin (South) City Market (a different arrangement for the repayment of which, however, is now under consideration), and by increasing arrears on Harbour Loans—notably Wicklow and Galway Harbours.

The increase in the arrears on the Clare Slob Loan calls for no special explanation; until the work is completed there is no way of discharging the accruing interest.

As to arrears on Public Health Loans increasing from £7,254 to £8,769, while we are pleased to report that the arrangement made for the discharge of the Wexford Corporation arrears has proved satisfactory, we regret that there is a tendency on the part of some Unions not to meet their engagements with punctuality, which arises from the failure on the part of Guardians to strike sufficient rates, and when rates are struck the difficulty found in collecting them. In two instances the repayment has been postponed by a change of liability from Union to Town and from Town to Union, but as the new arrangements have now come into operation in these cases it is hoped that the arrears which have arisen by this disturbance will soon be paid off.

The Railway Loans arrears show an increase, and now amount to £209,350, viz., £120,816 for principal instalments, and £88,534 for interest accrued due and not paid. It has been previously stated that except in cases where a guarantee has been obtained the payment of interest depends on the net profits of the line, and as these have shown no general improvement during the past year it is obvious that this arrear must be an increasing one till times improve. This also explains the reason of the increase of the principal arrears, which must be discharged either by the issue of a debenture capital, or by the sale of the lines. At the present time the public show a disinclination to invest in branch lines, even where the payment of interest becomes tolerably certain, and consequently when there is no such certainty the difficulty of placing such capital becomes greater.

The arrears on loans advanced for the improvement and purchase of lands still show an increase on former years, viz. :—£88,289 against £77,967, in 1885-86. The following table shows how these outstanding charges have been growing during the past eight years:—

	£		£
31st March, 1880,	13,249	31st March, 1884,	56,104
" 1881,	23,625	" 1885,	54,173
" 1882,	41,475	" 1886,	77,967
" 1883,	54,636	" 1887,	88,289

Under the instructions conveyed in your Lordships' letter of 3rd April, 1886, active steps were taken last October in proceeding to recover debts of £50 and under by Civil Bill at Quarter Sessions. About 650 certificates were issued, and decrees obtained in most cases. These are beginning to bear fruit, and if similar energy is applied to the recovery of the larger debts which form the greater part of this large arrear, but for which proceedings cannot be put in force so expeditiously, it is hoped by the close of another year material reductions will have been made in these large outstanding land arrears, but the difficulties have no doubt been increased by the large accumulations.

OUTSTANDING BALANCES.

The outstanding balances which at the end of March, 1886, amounted to £7,796,956, have by the operations of the year just ended increased to £8,163,579, viz.:—an increase of £366,623.

The following statement shows the rates of interest chargeable on the several amounts, making the aggregate balances in each year ended 31st March, 1885, 1886, and 1887 respectively:—

	31 March, 1885.	31 March, 1886.	31 March, 1887.
Free of Interest,	£ 203,539	£ 145,636	£ 98,386
3 per cent.,	6,000	6,000	6,000
3½ "	—	12,000	24,341
3¾ "	61,214	60,138	238,576
3½ "	—	400	36,334
3¾ "	3,596,840	3,881,082	3,978,211
3½ "	221,867	264,837	306,576
4 "	1,638,567	1,735,961	1,809,176
4½ "	289,971	350,567	353,198
5 "	219,283	218,508	225,663
Total Consolidated Fund—			
Loans,	6,238,611	6,676,634	7,681,561
Church Fund Loans—			
at 1 per cent.,	1,154,666	1,120,322	1,062,018
	7,393,277	7,796,956	8,743,579

The average rate chargeable on the advances from the Consolidated Fund was £3 12s. 1d., on 31st March, 1885; £3 12s. 11d., on the 31st March, 1886; and £3 13s. 3d., on the 31st March, 1887, but the interest realized in the year did not average more than £3 4s. per cent.

ESTIMATE FOR LOANS.

We have submitted in the ordinary way our estimate of the probable requirements for the year 1887-88, amounting to £1,219,000, on account of which £1,200,000 will, it is considered, be sufficient to discharge all possible demands.

LABOURING CLASSES' LODGINGS AND DWELLINGS ACTS.

29 & 30 Vic., c. 44, 1866, and the Housing of the Working Classes Act, 1885,
48 & 49 Vic., c. 72.

Since the passing of the first Act above referred to, in 1866, to the close of the year 1884-85, a period of nineteen years, loans were made under the provisions of that and the amending Acts, amounting to £281,384, for the erection of dwellings for 3,316 families, the rate of interest charged being 4 per cent.

The more favourable terms granted by your Lordships' minute of 23rd January, 1886, as to the rate of interest on such Loans has had the effect of stimulating in some degree those desirous of providing improved dwellings for the labouring classes, and it will be observed that during the year 1885-86 twenty Loans were made to the amount of £50,755 for building 713 dwellings, while during the past year applications have been received for Loans amounting to £195,831 for building labourers' dwellings, of which twenty-four, to the amount of £79,161, have been sanctioned.

The following abstract, No. 1, shows the number and amount of the Loans made each year during the periods referred to, and abstract No. 2 gives the particulars as to locality, &c., of the Loans made within the past year.

ABSTRACT No. I.

Year.	No. of applications sanctioned.	Amount sanctioned.	No. of dwellings to be constructed.
1866-67, .	Nil }	£ 638	{ Nil.
1867-68, .	1 }	—	{ 8
1868-69, .	Nil	—	Nil.
1869-70, .	1	500	10
1870-71, .	1	4,146	125
1871-72, .	2	1,650	46
1872-73, .	3	7,175	166
1873-74, .	7	22,350	251
1874-75, .	1	910	13
1875-76, .	7	24,242	239
1876-77, .	6	11,106	132
1877-78, .	8	23,414	272
1878-79, .	10	7,100	51
1879-80, .	19	31,858	351
1880-81, .	17	38,870	302
1881-82, .	17	35,674	453
1882-83, .	16	21,187	270
1883-84, .	14	40,052	397
1884-85, .	12	22,368	328
1885-86, .	20	50,755	713
1886-87, .	24	79,161	852
Total, .	184	411,230	4,881

ABSTRACT No. II.

Locality.	Number of Dwellings to be built.	Amount of loan sanctioned.
		£
Ballymena,	6	500
Ballyshannon,	3	500
Belfast,	21	2,700
Cork,	74	6,500
Dublin,	640	56,859
Ennistymon,	4	100
Fethard,	4	296
Kinsale,	12	790
Lisericke,	35	3,500
Mullingar,	16	2,300
Sligo,	22	3,400
Waterford,	15	2,100
Total,	852	79,161

To secure that the loans sanctioned shall be applied to the erection of such dwellings as come fairly within the scope of the Acts, and are in every respect suitable to the means and requirements of the labouring classes, it is made a condition with the

horrer that the rents to be charged are not to exceed certain specified sums, such rents being fixed on consideration of the locality and the class of labourers for whom accommodation is required. This arrangement has had the effect of limiting the cost of the erection of dwellings built under the loans referred to, and thus securing as far as practicable their being permanently available for occupation by the labouring classes.

GLASS LOANS.

33 & 34 Vic., c. 112; 34 & 35 Vic., c. 100; 38 & 39 Vic., c. 30; 41 Vic., c. 6;
43 & 44 Vic., c. 2; 49 Vic., c. 6.

Fifty-five applications for loans have been received during the year, amounting to £23,179, and 50 loans have been granted for £21,075. The issues for the year have amounted to £17,991. Since the passing of the first Act, in 1870, we have received 1,302 applications, of which the following is an abstract of those which have been granted, and on which issues were made to 31st March, 1887.

—	Amount.	No.
	£	
Church of Ireland, . . .	112,832	250
Roman Catholic, . . .	202,468	451
Presbyterian, . . .	60,139	167
Wesleyan and other, . . .	14,249	48
	389,738	916

NATIONAL SCHOOL TEACHERS' RESIDENCES (IRELAND) ACTS.

38 & 39 Vic., c. 82; 42 & 43 Vic., c. 74.

Seventy applications under these Acts have been received during the year for loans, amounting to £15,485, and 53, amounting to £12,175 have been granted. Some are still under consideration. The amount issued on this service during the year has been £6,960, and from the passing of the Acts, £60,363.

DISPENSARY HOUSES (IRELAND) ACT.

42 & 43 Vic., c. 25.

The applications under this Act have been sixty-nine, amounting to £47,784.

Of these ten were received during the year ending 31st March, 1887, for £4,330. The total amount issued has been £42,468, of which £7,758 was paid out during the present year.

LOANS FOR SCHOOLS AND TRAINING COLLEGES (IRELAND) ACT, 1884.

47 & 48 Vic., cnp. 22.

Under the provisions of the above Act, which was passed in 1884, the Commissioners of Public Works may, on the recommendation of the Commissioners of National Education and with the approval of the Lords Commissioners of Her Majesty's Treasury, on being satisfied as to the sufficiency of the security, make loans for the purpose of assisting any person in the erection, enlargement, structural improvement, or purchase of a house to be used as a non-vested National school or training college, or in the improvement of any existing non-vested National school or training college, or in the acquisition or improvement of a farm not exceeding twenty-five acres in extent connected with a non-vested National school or training college, to be used for the purpose of agricultural instruction, or for the purpose of discharging any debt due and incurred before the 19th day of May, 1884, in the erection, enlargement, structural improvement, or purchase of a house to be used as a training college, and loans made for any of the foregoing purposes are repayable by an annual rentcharge of five per cent. in thirty-five years.

The provisions of the Act will no doubt be availed of to a very large extent, particularly in poor and remote districts, where difficulty has been experienced in raising the necessary contributions to entitle Managers to obtain grants in aid of the construction of schools.

During the past year seventeen applications have been received for loans amounting

to £13,640, and the Board anticipate, as sufficient time has now elapsed to enable Managers to acquire sites, that a large number of applications for loans for the erection of buildings will be made.

PUBLIC LIBRARIES ACT.

40 & 41 Vic., ss. 15 & 34.

The Belfast Corporation have applied for an advance of £20,000, but the application has been abandoned.

INDUSTRIAL SCHOOLS (IRELAND) ACT, 1885.

48 Vic., c. 19.

Five applications for loans, amounting to £19,400, have been received during the past year; of these four have been sanctioned amounting to £17,000, and the fifth has been withdrawn as it did not come within the provisions of the Act.

LAND IMPROVEMENT.

In reporting on the Land Improvement Service we commence by giving the number of applications and amounts issued in each year from the commencement in 1847 to the close of the financial year ending 31st March, 1887:—

—	No of Applications.	Amount issued.	—	No of Applications.	Amount issued.
1847, June to Dec. (inclusive),	1,384	472,790	1868-69,	179	264,373
1848,	371	356,160	1869-70,	166	85,775
1849,	643	379,836	1870-71,	189	77,880
1850,	436	290,384	1871-72,	160	82,505
1851,	280	146,683	1872-73,	233	76,890
1852,	164	88,542	1873-74,	294	99,372
1853,	194	65,454	1874-75,	265	162,056
1854,	123	49,293	1875-76,	265	98,730
1855,	96	35,180	1876-77,	218	121,403
1856,	108	32,510	1877-78,	278	121,345
1857,	114	31,674	1878-79,	319	125,370
1858,	112	33,524	1879-80, { Relief, 2,144	2,407	= 244,810
1859,	111	29,384	{ Ordinary, 463		
1860,	130	26,902	1880-81,	638	= 795,639
1861,	164	56,696	1881-82,	401	= 295,583
1862,	184	61,373	1882-83,	451	= 138,536
1863,	128	88,890	1883-84,	503	= 123,082
1864,	132	88,430	1884-85,	396	= 117,489
1865,	90	46,315	1885-86,	298	= 578,678
1866,	98	26,205	1886-87,	219	= 559,192
1867,	145	50,189			

The loans under which works have been commenced within the past year are classified under the following heads:—

Class of Work.	No of Loans.	Amount Sanctioned.	Average Amount of each Loan.
Drainage and other Land Works,	47	£ 19,025	£ 405
Farm Buildings,	80	26,575	332
Labourers' Cottages,	28	6,000	215
Mixed Loans—including Buildings and Land Works,	24	5,945	248
Totals,	179	57,545	—
General Average per Loan,	—	—	321

a Includes amounts issued under the Relief of Distress Act.
b Includes number of applications and amounts issued under various Acts, Local Loan Act, &c.

There were 219 applications for loans during the past financial year, and of these 126 have been sanctioned; but 43 loans previously applied for were also approved within that time, making a total of 169 amounting to £57,610. There were therefore 93 which did not arrive at the stage of sanction for the following reasons:—

Cause of Delay or Rejection.	No. of Cases.
Failed to show Title,	Nil.
Stopped owing to default in expending previous Loans, or in paying Rentcharge,	1
Failed to supply Plans, &c.,	1
Transferred to Land Law Division,	4
Withdrawn,	10
Under consideration,	73
Refused,	4
Total number of Applications not come to maturity,	93

The following table gives the number of loans and the sums issued in the several counties in Ireland up to the 31st March, 1887:—

SCHEDULE showing the NUMBER of LOANS and AMOUNTS ISSUED from commencement of Act.

Name of County.	No. of Loans.	Amounts issued.	Total No. of Loans.	Total Amount issued.
NORTHERN DIVISION.		£ s. d.		£ s. d.
Antrim,	188	129,448 0 0		
Londonderry,	180	67,793 0 0		
Down,	316	186,591 0 0		
Fermanagh,	143	78,340 0 0		
Tyrone,	285	141,960 0 0		
Armagh,	64	20,708 0 0		
Donegal,	131	90,824 0 0		
			1,187	713,164 0 0
MIDLAND AND EASTERN.				
Cavan,	154	53,460 0 0		
Monaghan,	92	43,361 0 0		
Louth,	305	175,251 0 0		
Leitrim,	80	36,279 0 0		
Meath,	374	187,295 0 0		
Westmeath,	229	80,230 0 0		
Dublin,	228	79,647 0 0		
Kildare,	263	132,582 0 0		
King's,	171	66,008 0 0		
Queen's,	306	146,333 0 0		
Wicklow,	217	114,164 0 0		
Carlow,	205	104,149 0 0		
Kilkenny,	160	62,826 0 0		
Wexford,	267	119,010 0 0		
			3,608	1,397,277 0 0
WESTERN.				
Sligo,	201	133,032 0 0		
Leitrim,	147	73,635 0 0		
Mayo,	306	224,560 0 0		
Roscommon,	306	221,488 0 0		
Galway,	648	374,512 0 0		
Clare,	319	164,458 0 0		
			2,077	1,191,930 0 0
SOUTHERN.				
Limerick,	637	361,406 0 0		
Tipperary,	498	194,307 0 0		
Waterford,	135	63,930 0 0		
Cork,	1,036	410,399 0 0		
Kerry,	632	459,384 0 0		
			2,878	1,493,426 0 0
			Totals,	9,160 4,794,773 0 0

MAIN AND THOROUGH DRAINAGE.

The number of loans sanctioned for works, of which thorough drainage forms the principal part, since the commencement in 1847 to the 31st March in this year, are 7,993, amounting to £3,635,942, and of this number 41 loans amounting to £15,390 were approved during the year ending 31st March, 1887.

PLANTING FOR SHELTER.

Since the passing of the Act 29 and 30 Vic., c. 40, 95 loans, amounting to £19,055 have been made, and of that number, 6, amounting to £1,725, were sanctioned during the year now reported on.

FARM BUILDINGS.

For this class of work 2,294 loans have been sanctioned since the passing of the Act 13 & 14 Vic., c. 19, the amount being £1,030,385. This includes 105 loans, amounting to £30,910, approved during the past financial year.

DWELLINGS FOR AGRICULTURAL LABOURERS.

The number of loans granted for this class of work since the passing of the Act 23 Vic., c. 19, is 632, amounting to £317,085; of this number, 18, amounting to £6,700 were approved since our last Report.

LAND LAW (IRELAND) ACT, 1881.—LOANS TO TENANTS.

Sections 19 and 31.

The Sections of the above quoted Act under which the Board are empowered to make loans for improvements, are the 19th and 31st. Under the former, the total number of loans sanctioned up to the 31st March, 1887, is 221, amounting to £13,776, and of this total, instalments amounting to £12,277 have been issued to borrowers, who, pursuant to the orders of the Land Commission, have proceeded to erect cottages for labourers on their holdings. Under Section 31 the number of applications received during the year ending 31st March, 1887, was 911, the number of sanctioned cases being 736, amounting to £60,955. The amount issued during the same period was £75,442, making with the issues in previous years the sum of £562,356 advanced to tenant occupiers under this Section. This shows a falling off as compared with the year ending March, 1886, which is mainly, if not altogether due to the unsettled state of the country. The Board's requirement that applicants for loans should show payment of rent to a satisfactory date (a provision absolutely necessary for the protection of their security) could not fail to operate as a check to applications for advances at a time of peculiar difficulty as regards the relations between landlords and tenants.

The following table gives the distribution by Counties of the sums issued.

SCHEDULE showing the NUMBER of LOANS SANCTIONED and AMOUNTS ISSUED up to the 31st MARCH, 1887.

PROVINCES AND COUNTIES.	Number of Loans Sanctioned			Amounts Sanctioned.			Total Issues.		
	To 31st Mar., 1886.	Year ending 31st Mar., 1887.	Total Number.	To 31st Mar., 1886.	Year ending 31st Mar., 1887.	Total Sanctioned.	To 31st Mar., 1886.	Year ending 31st Mar., 1887.	Total Issues.
LEINSTER:				£	£	£	£	£	£
Carlow,	41	3	44	6,260	310	6,570	3,790	386	4,176
Dublin,	20	38	58	5,075	1,863	6,938	3,722	1,017	4,739
Kildare,	81	8	89	13,790	970	14,760	10,383	1,154	11,537
Likenny,	65	5	70	6,700	385	7,085	4,812	284	5,096
King's,	129	21	150	11,885	1,670	13,555	8,131	2,262	10,393
Longford,	264	14	278	19,790	1,150	20,940	15,363	1,791	17,154
Louth,	16	6	22	3,030	515	3,545	2,339	618	2,957
Meath,	59	9	68	12,323	990	13,313	9,833	1,527	11,360
Queen's,	54	4	58	8,343	445	8,788	5,515	866	6,381
Westmeath,	130	21	151	16,295	2,300	18,595	12,383	1,670	14,053
Wexford,	49	11	60	5,420	870	6,290	4,126	784	4,910
Wicklow,	44	7	51	5,000	860	5,860	3,718	910	4,628
Totals,	948	117	1,065	111,363	12,350	123,713	82,083	13,260	95,343
MUNSTER:									
Clare,	502	60	562	42,315	4,105	46,420	32,054	5,434	37,488
Cork,	1,202	135	1,337	108,720	11,850	120,570	88,405	12,300	100,705
Kerry,	551	30	581	42,750	2,355	45,105	38,807	4,510	43,317
Limerick,	364	34	398	33,500	3,300	36,800	30,883	3,836	34,719
Tipperary,	221	29	250	21,240	2,630	23,870	15,536	2,955	18,491
Waterford,	33	2	35	4,200	260	4,460	2,832	129	2,961
Totals,	2,963	290	3,253	254,825	21,850	276,675	193,607	29,304	225,911
ULSTER:									
Antrim,	86	3	89	6,160	370	6,530	4,966	717	5,683
Armagh,	88	10	98	3,795	625	4,420	3,764	626	4,390
Cavan,	409	40	449	33,865	2,445	36,310	25,436	3,885	29,321
Down,	167	24	191	12,302	1,900	14,202	9,428	2,083	11,511
Donegal,	30	1	31	3,915	100	4,015	3,321	600	3,921
Fermanagh,	98	8	106	6,910	535	7,445	4,368	1,092	5,460
Londonderry,	70	8	78	5,010	535	5,545	3,862	721	4,583
Monaghan,	50	6	56	3,530	1,265	4,795	2,605	611	3,216
Tyrone,	178	14	192	14,145	1,025	15,170	9,853	1,668	11,521
Totals,	1,212	114	1,326	89,332	8,900	98,232	63,535	11,654	76,580
CONSTITUTION:									
Galway,	448	69	517	30,800	3,835	34,635	28,477	4,967	33,444
Leitrim,	486	45	531	30,955	2,885	33,840	24,961	3,991	28,952
Mayo,	867	37	904	64,085	2,180	66,265	51,328	5,329	56,657
Roscommon,	334	48	382	25,165	3,300	28,465	18,677	3,424	22,101
Sligo,	361	33	394	27,270	2,645	29,915	21,291	3,604	24,895
Totals,	2,496	235	2,731	181,875	14,955	196,830	144,734	21,315	165,519
Grand Totals,	7,610	786	8,396	646,087	60,915	707,002	496,514	75,442	562,336

We also beg to submit a statement classifying the loans in which works have been completed under the different descriptions of work, to the 31st March, 1887:—

Description of Work.	Amounts Issued.		
	From passing of Act to 31st March, 1885.	For year ending 31st March, 1887.	Total from year up to Act to 31st March, 1887.
	£ s. d.	£ s. d.	£ s. d.
Drainage, Fencing, Farm Roads, and other Land Works,	122,547 13 2	100,500 18 6	223,048 11 8
Farm Houses and Offices,	136,284 10 3	60,831 8 7	197,115 18 10
Labourers' Cottages, 12th section,	7,043 18 11	1,694 11 11	8,737 10 10
Labourers' Cottages, 31st section,	3,499 12 5	1,611 1 3	5,110 13 8
South Mills for Flax,	191 17 3	nil.	191 17 3
	269,766 12 0	164,636 0 3	434,402 12 3

The number of loans in which the amounts sanctioned have been expended, and the works certified as completed is 5,308, and those in which the works were still in progress on the 31st March, 1887, were 2,324.

II.—VOTED SERVICES.

Under this second head of our duties, comprising those services which are created by or maintained from, annual votes of Parliament, the accounts detailed in the Appendix A record the following expenditures on each, to 31st March, 1887; and the second column shows the expenditure on the same votes for the preceding year 1885-86:—

	1886-87.	1885-86
Class I.	<i>£</i>	<i>£</i>
Public Buildings, Ireland,	211,592	230,455
Royal University, Ireland,	17,801	18,987
Science and Art Buildings, Dublin,	24,872	20,640
Harbour Navigation,	—	2
Class II.		
Public Works Office,	49,388	53,721
	303,553	313,805

Showing the total charge against the Consolidated Fund for the year to be £303,553. But as from these services we have derived rents, tolls, fees, &c., amounting to £12,172, of which the sum of £11,705 has been paid or will be paid over to Her Majesty's Exchequer in aid of Revenue—the net charge amounts to £291,948.

PUBLIC BUILDINGS.

General Observations

The maintenance of the several buildings in the Board's charge, together with such minor alterations and supplies of furniture and fittings as were necessary, have been duly attended to, and the authorized allowances of Fuel and Light provided.

The following new works and important alterations have been carried out during the year:—

Coast Guard Stations.—The new Stations* at Malahide, County Dublin, Lisconnor, County Clare, and the additions to Moville, County Donegal, have been completed and occupied, and contracts have been entered into for new Stations at Ballyness and Innishoffin, County Donegal, Kinniscrone, County Sligo, and Mulroy, County Donegal.

Metropolitan Police.—The Office for the Superintendent at the Rathmines Station has been completed.

Royal Irish Constabulary.—The new Barracks at Portadown, County Armagh, and Dingle, County Kerry, have been completed—that at Galway will be complete early in the current year. The extension of building at Anghrim, County Galway, has been abandoned, as has also the conversion of the Military Barrack at Ballaghaderreen, County Mayo. The conversion of the bridewell at Navan for a Constabulary Barrack is complete, and that of the County Gaol at Roscommon for a similar purpose is in progress.

Dundrum, &c.—The most urgently required portion of the addition to the Asylum has been supplied by the addition of twelve single rooms, airing yards attached. The execution of the additions has been suspended for the present.

National Education.—The several works for which provision was made as additions to and improvements of the Metropolitan Offices and Schools, and the Model Schools have been completed.

A large proportion of the amount of the annual grants recently made has been appropriated to schools of large size in populous districts or attached to religious communities.

The cost of the schools erected with the aid of the grants under plans supplied or approved by the Board have ranged from £4 per child in the smallest, to £2 10s. in the largest schools, the site being in every case provided free or at a nominal rent. These rates are found too low, the amount of school area per child being less than recent investigation shows to be desirable, and the revision of the school plans is at present under consideration with a view of removing this objection.

The demands for grants for new schools still continue to increase, owing to the with-

drawal of opposition to the placing of schools under the National Education Board, and though no expense is sanctioned in the erection of these schools, but that which is necessary to secure sound construction and efficiency in working, the large number of cases involves a very considerable annual outlay. The following schedule shows the amount of the grants made for ordinary literary schools during each of the last six years.

	£	s.	d.
1881-82,	10,247	19	6
1882-83,	2,604	6	6
1883-84,	17,487	14	10
1884-85,	22,911	17	6
1885-86,	22,125	8	5
1886-87,	47,224	19	0

During the past year the Commissioners of National Education have notified grants in aid of building 118 new schools, and of structural alterations and improvements at 87 others. A considerable amount of work for which grants were made in former years, has also been carried out.

Seven grants have been made for building teachers' residences in connexion with vested schools, but since loans have been sanctioned for the erection of such residences, but few applications have been received for grants which are limited to one-half of the cost, and not in any case exceeding £100.

REVENUE DEPARTMENT—CUSTOMS.

The works consequent on the redistribution of the offices in the Belfast Custom House, arising from the transfer of the Post Office from that building to the new offices specially erected for that department are in progress.

POST OFFICES.

The new offices at Belfast and Galway have been completed and are occupied. Considerable progress has been made with the alterations and additions to the General Post Office, Dublin, and those required to the Offices at Armagh, Limerick, and Waterford have been completed.

DEPOSITORIES FOR PAROCHIAL RECORDS.

Act 39 & 40 Vic., c. 58.

Under the provisions of this Act, inspections of proposed Repositories have been made in twelve cases, and reports thereon forwarded to the Deputy Keeper of Records.

PARKS AND GARDENS.

The Phoenix Park.—The several buildings, roads, plantations, &c., have been satisfactorily maintained, and the People's Garden continues to be much appreciated by the public as a place of recreation.

St. Stephen's-green Park has been maintained in good order, and is frequented by a large and increasing number of visitors of all ages and classes.

The Curragh of Kildare.—The official residence of the Deputy Ranger of the Curragh has been maintained in an efficient state.

ROYAL HARBOURS.

KINGSTOWN, COUNTY DUBLIN.

The works at this Harbour have been maintained in good order during the year. The Troopship course from the west end of Victoria Wharf has been deepened, and extensive repairs have been made to the two Steam Dredgers and Barges. A quantity, 16,490 tons, of silt has been dredged during the year. The Platform of the Mail Packet Pier, on the western side, has been extended for a length of seventy feet, found to be necessary for the rapid transhipment of Her Majesty's Mails.

Water has been supplied to Her Majesty's Ships, the vessels of the Irish Light Board, and trading vessels, and a quantity of 1,384 tons of ballast supplied to the latter.

In the following table is given the rainfall and height of tides during the year :—

KINGSTOWN HARBOUR.—SUMMARY OF RAINFALL AND TIDAL OBSERVATIONS.

Month	RAIN.				TIDES.					
	Fall in inches during month.	Maximum in 24 Hours.		Number of days on which rain fell.	Maximum at High Water.			Maximum at Low Water.		
		Date	Fall in inches.		Date	Height.	Wind.	Date	Height.	Wind.
1886.										
April,	1.61	24	.28	14	5	12.4	W.S.W.	17	1.0	E.
May,	5.65	12	1.25	14	18	12.7	W.	6	0.3	W.S.W.
June,	1.33	3	.22	10	3	11.9	S.E.	5	0.0	N.W.
July,	1.79	22	.86	13	2	12.0	S.E.	5	1.1	N.E.
August,	1.24	22	.49	7	31	12.5	S.W.	21	1.0	S.W.
September,	1.67	10	.51	19	22	12.3	W.	1	0.6	S.W.
October,	5.34	18	.35	16	12	12.8	S.W.	27	1.0	E.
November,	5.27	6	.60	14	12	12.9	N.W.	25	1.0	N.W.
December,	2.22	15	.55	15	11	12.3	N.W.	24	1.0	N.W.
1887.										
January,	1.20	11	.98	12	11	14.0	N.W.	14	0.6	N.W.
February, . . . . .	.76	1	.28	8	26	12.6	S.W.	9	1.6	S.W.
March,	1.52	12	.59	9	11	13.0	S.W.	9	1.0	S.E.
	27.99		7.04	146						

The following is a return of the vessels that have used the harbour during the past three years :—

	1884-1885.		1885-1886.		1886-1887.	
	Number.	Tonnage.	Number.	Tonnage.	Number.	Tonnage.
Trading Vessels,	479	72,377	667	77,417	632	63,959
Yachts,	43	2,851	56	7,373	54	4,834
Trawlers and Fishing Vessels,	40	2,000	1,618	66,770	883	54,688
Steam Vessels,	64	13,934	84	19,093	70	13,753
" Yachts,	25	6,321	48	13,837	38	7,920
Belonging to Port, Yachts, Pilots, &c.,	20	400	23	400	75	230

FOREIGN TRADE.

Sailing Vessels,	29	14,193	28	22,584	31	22,893
Steam Vessels,	11	4,429	2	934	10	6,423
Men-of-War and Troopships, Store Ships, and H.M.'s Yachts,	13	—	26	—	—	—

HOWTH HARBOUR.—COUNTY DUBLIN.

The roads, piers, and wharves of this harbour have been kept in good repair during the past year. The sea slope of the eastern pier has been completed and the pavement of the wharf has been concreted. So far as it is possible to speak with confidence of any sea work, it may be stated that all anxiety is now at an end with respect to this the chief protection of the harbour; during the past year it was subject to the heaviest gales without sustaining the slightest injury. A large quantity of stone and shingle carried by the waves round the eastern pier head has been removed from the entrance.

In anticipation of funds being made available for the deepening of the harbour, we have had a steam dredger at Kingstown put in perfect order so as to be in readiness to commence work at Howth if so directed.

The number of boats engaged fishing during this year was 317—Scotch 168, Irish 96, English 46, Manx 7.

There was 9,492 mease of herrings sold at an average price of 17s. 4d.

Imports.	Exports.
Coal, 2,492 tons.	541 Barrels Fish.
Brick, 92 "	
Salt, 60 "	

There was an increase of the quantity of herrings taken this year, but owing to the markets being glutted the average price was far less than for 1886.

DUNMORE HARBOUR.—COUNTY WATERFORD.

The works at this harbour have been maintained in good order during the past year and the considerable damage done to the sea slope mentioned in our last annual report has been repaired.

DONAGHADER HARBOUR.—COUNTY DOW.

The damage done to the toe of the sea slope of the northern pier, mentioned in our last annual report, has been secured.

The works have been maintained in good order.

Imports.	Exports.
Coal, 18,648 tons.	Timber, 1,111 tons.
Melae, 358 "	
Stones, 108 "	
Limestone, 100 "	
Salt, 91 "	
Fish (Herrings and Eels), 218 mease.	

ARDGLASS HARBOUR.—COUNTY DOW.

The works at this harbour consisted in protecting the toe of the sea slope with large blocks of concrete made in situ, in removing stones (carried round the pier head during gales), by divers repairing the masonry and improving the accommodation for vessels by sundry works.

An Iron Lighthouse has been erected on the old pier at Kimmara Port, furnished with a dioptric lens reflector and suitable burner, its height is thirty-three feet above high water, it is a fixed light (white and red), which guides through the entrance at the new pier and the fairway to the old harbour.

INLAND NAVIGATIONS.

ULSTER CANAL.

The works of repair executed on this Navigation during the past year have been of the usual character, and no expenditure beyond what was absolutely necessary for its proper maintenance has been incurred.

TYRONE NAVIGATION.

The works have been maintained in good order during the past financial year.

RIVER MAIGUE NAVIGATION.

The river bank, which was breached on the 17th May, 1886, by a very high tide, has been repaired, and the Bridge and other works have been kept in good order.

ROYAL UNIVERSITY BUILDINGS.

The contract for the additions and structural alterations of the existing buildings was entered into on the 21st August, 1884. In the existing buildings provision is made for the official business of the University, the keeping of its records, the meeting of Senate and Convocation, Library and Museum Rooms for Examiners, Waiting, Retiring, and Refreshment Rooms for Male and Female Candidates, and eight Examination Halls, accommodating from 20 to 200 students each.

The additions consist of Halls for Technical examinations in Chemistry, Physics, Physiology, Anatomy, and Biology.

The several building works have been completed, and most of the fittings for the several Departments, so far as at present required, have been provided.

NEW MUSEUM OF SCIENCE AND ART AND NATIONAL LIBRARY BUILDINGS.

The erection of these buildings (a perspective view of the design for which is annexed (see Appendix F.), is proceeding rapidly and satisfactorily. The eastern wing of the Museum has been covered in, and it is anticipated that the entire building, with the exception of the central court, will be roofed in before winter.

Considerable progress has been made with the National Library—a large portion of the basement of which has been built.

ANCIENT MONUMENTS PROTECTION ACT, 1882.

45 & 46 Vic., cap. 73.

The works executed during the past year for the preservation and protection of the monuments included in the schedule attached to the above Act, will be found very fully detailed in the report of the Superintendent in the Appendix F.

At Dowth Rath and Lough Crew (Tattin) the necessary works have been completed.

At Glen Malin works of research have been more extensive than originally anticipated, the results have, however, been most interesting, but have involved the execution of considerable works for the protection of these ancient structures.

The necessary steps have been taken for the preservation of such of the other monuments included in the schedule attached to the Act, as have been transferred to us by the owners for guardianship.

III.—MISCELLANEOUS OR NON-VOTED SERVICES.

This last division of our duties comprises a variety of services placed under our control or management in pursuance of several Acts of Parliament.

Though numerous, some of them are of only casual occurrence, and therefore do not form the subject of any special remarks.

Those on which special reports follow are arterial drainage works, where, except in the matter of occasional maintenance, our functions, in addition to making loan advances, are confined to advice to Drainage Trustees and Boards, in making awards for completed works, to distribute the proper proportion of charges among the proprietors of land in each district, and, when called upon to do so, to increase the rents of tenants in respect of these improvements.

We are charged with a variety of duties in connexion with fishery piers and harbours which are constructed by Government grants and contributions from counties, and others locally interested in these works. This duty is not confined to new works, but to the very numerous piers which have been constructed from time to time by Government aid since the year 1820, and which, although invested in counties, frequently require the direct interference of Government, either in the matter of repairs or otherwise.

The operations on the service, as the report shows, were largely increased by the grant made by Parliament of £250,000, out of the Irish Church Funds under the provisions of the Sea Fisheries Ireland Act, 1883.

The extensive loan operations lead sometimes to the necessity of our taking over and completing works which have been commenced by borrowers, who have failed in their execution.

The administration of the Shannon and other navigations in Ireland, whether maintained from their own funds, as in the case of the Shannon, or partly by votes of Parliament, involve considerable care and attention.

The next class of duties embraced in this division is the administration of two special loan funds, one the Irish Reproductive Loan Fund, including ten distinct funds, applicable to the counties named hereafter in this Report. The funds of the eight maritime counties are applied to the purpose of loans to aid fishermen in buying boats, gear, nets, or in creating oyster beds; and in the case of two inland counties, Roscommon and Tipperary, to works of general utility by any Town Commissioners in these counties.

The Sea and Coast Fisheries Fund, which was handed over to us, in pursuance of an Act passed in 1884, is applicable for Fishery Loans in all the maritime counties of Ireland, a preference being given to those counties which are not in possession of any assignment under the Irish Reproductive Loan Fund.

Another important branch of this division is the care and preservation of 137 National ecclesiastical structures which have been vested in us from time to time, and are maintained out of a grant of £50,000 allocated for the purpose from the Irish Church Fund in pursuance of the Irish Church Act, 1869.

Certain duties in connexion with the Grand Jury system of Ireland still devolve on us, the principal of which are the occasional repair of Post Roads, the examination of County Surveyors' Assistants, the building of bridges between counties, and other miscellaneous duties.

The Report also shows that we are charged with certain duties in connexion with Limited Owners' Residences, Arbitrations under the Railways Acts, and in aiding the Local Government Board with certain financial duties connected with Emigration, Relief of Distress, and also carrying out the duties of the Board of Control of Lunatic Asylums.

A report of the proceedings taken by us in connexion with the Tramways and Light Railways of Ireland, both under former Acts and under the Tramways and Public Companies Act of 1883, is also appended.

The receipts and expenditure incurred under the Miscellaneous Services are detailed in the Appendix A 5, A 6, and A 7, and amount to £221,869 and £217,871 respectively, as against £172,869 and £166,504, in the year to 31st March, 1886.

DRAINAGE AND IMPROVEMENT OF LANDS (IRELAND) ACT, 1863, AND AMENDMENTS; 26 & 27 Vic., c. 88; 27 & 28 Vic., c. 72; 28 & 29 Vic., c. 52; 32 & 33 Vic., c. 72; 35 & 36 Vic., c. 31; 37 & 38 Vic., c. 32; 41 & 42 Vic., c. 59; and 43 & 44 Vic., c. 27.

The total number of applications received from the passing of the first of these Acts in the year 1863 to the 31st of March, 1887, is ninety-three, including three received during the year 1886-87; viz.:

The Ballycolliton, county Tipperary—The Tramore River, county Cork—The Killard River, county Cork.

The preliminary inquiries are being proceeded with in these cases.

The Assents having been received, a Provisional Order was made for the Pollstown, county Meath; and a Bill to confirm the Provisional Order was sent to the Treasury, and was passed this Session.

The works have been in progress in the following districts:—

River Suck, counties Galway and Roscommon; Lough and River Erne, Drainage and Navigation, counties of Fermanagh, Cavan, Monaghan and Donegal; Milford, county Cork; Owenroo and Moynalty, county Meath; Nanny River, county Meath; Upper Nanny River, county Meath; Cashen River, county Kerry; Upper Morning Star, county Limerick; Ballyteigue and Kilmore, county Wexford; and Glasheen River, county Cork.

No loan has yet been applied for in the case of the Cahermone district, in the county of Cork, for which the Provisional Order Confirmation Act was obtained on the 2nd April, 1882.

A schedule of the final awards made under these Acts will be found in the appendix.

The total area of land drained or improved in the forty-two districts in which final awards have been made, is 78,828 statute acres, and the total cost chargeable thereto

amounts to £304,598. This has been in addition to the works of the 121 districts, carried out under the Act 5 & 6 Vic., c. 89, and the Acts amending it, between the years 1833 and 1860, on which an expenditure of £2,390,612 was incurred, of which £70,201 was for works chargeable to counties; £141,073 a free grant; £1,206,312 remitted; and £1,043,227 made repayable by annuity or otherwise, by which 266,736 acres were drained or improved.

INCREASED RENTS IN RESPECT OF DRAINAGE CHARGES.

During the past year 8 applications were received from Proprietors for increased rents to be paid by the tenants in respect of lands improved by drainage, embracing 63 holdings; 60 being tenants from year to year, and 3 leaseholders; and meetings have been held by us to determine the amounts.

RAILWAY CLAUSES CONSOLIDATION ACT.

8 Vic., cap. 90, s. 25.

Plans, sections, and schedules were received during the year in four cases, viz. :—

The Cavan, Leitrim, and Roscommon Light Railway (Woodford Bridge), the Clogher Valley Tramway, the West Clare Light Railway, the Schull and Skibbereen Tramway and Light Railway.

In the first three cases the certificates provided for by the Act have been given. In the fourth considerable difficulty has been experienced in obtaining from the Company the requisite plans, &c., and we are still endeavouring, before taking the compulsory steps provided in the Acts, to induce them to furnish the information required.

FISHERY PIERS AND HARBOURS MAINTENANCE.

Under the Act 16 & 17 Vic., cap. 136.

During the year the pier at Errislanpan (Drimmeen) in the County of Mayo, has been repaired by your Lordships' authority, at a cost of £208 14s. 3d. Some repairs being also necessary to Spiddle Pier, County Galway, they have been executed under your Lordships' authority, at an outlay of £54 16s. 6d., both of which sums will be levied off the respective counties.

SEA FISHERIES (IRELAND) ACT, 1883.

The number of works sanctioned by your Lordships to be constructed under this Act is 59; the estimated cost of which amounts to the sum of £237,965.

At the end of the financial year 23 of these were completed, 12 others though not quite complete were practically finished, and 24 were in different stages of construction. The gross amount of certified expenditure on these works was £150,695, of which a sum of nearly £11,000 was retained as security for the due completion of unfinished works by the several contractors.

Although several gales occurred during the year, some of them of exceptional severity, the only damage worthy of notice done by the sea to works in progress was the destruction of some newly set concrete at Brandon Harbour, County Kerry, to the value of £35.

ARKLOW HARBOUR.

On the 4th May, 1886, we were authorized by your Lordships to proceed with the construction of sixty feet in length of the Southern Pier, in which no change from the original method of construction was proposed in the report of the consulting Engineers, Messrs. Stevenson and Stoncy.

On the 25th June following a joint deputation from the Town Commissioners and Harbour Committee unanimously approved of the Pier being finished on the original design, and this course was sanctioned by your Lordships on the 14th July, 1886.

With respect to the construction of the North Groyne, although the Local Committee considered it not only useless, but injurious at the time of the visit of Messrs. Stevenson and Stoncy to the Harbour, there is now a very general if not a unanimous opinion as to its necessity.

The Town Commissioners have, however, declined to give the necessary guarantee for the extra cost which would be involved in its construction. Your Lordships have ordered that the works should be handed over to them (in accordance with the Act of Parliament) on the completion of the South Pier.

The Harbour Master makes the following observations relative to the fisheries of Arklow—

The number of boats engaged Oyster Dredging during the year was fifteen, and their total catch was 448 barrels, and the average price was 15s., equal £336. Forty-two boats were engaged in the mackerel fishing, which to over three-fourths of these boats was not productive. Only about six out of the total earned any money worth notice, and boats returned home in debt, and the greater number only covered expenses. Ninety boats were engaged in the herring fishing, which in the summer was a comparative failure, but the harvest and winter fishing was better, and would have been very much better, but the price during much of the time was very low. 6,796 mease was the total catch, average price 10s., equal £3,398.

On several occasions so great was the take of herrings there were no buyers at any price, and some 100 mease of the finest herrings were thrown overboard near Ballyteigne Bay.

KINRALE HARBOUR.

On the 21st March last the quay was opened to the public from Cramer-street to the eastern end of Denis-quay, a distance of a quarter of a mile, and at the end of the financial year the only work practically remaining to be done was the paving of the pier at the Town-rock, and the formation of an approach road thereto from the Main-street of the town.

CLARE SLOE RECLAMATION.

We regret to report that the expectation expressed in our last annual report—that the embankment would be completed before the end of June, 1886, has not been fulfilled. On the 17th May in that year an abnormally high spring tide occurred, when part of the bank was still unfinished, by which a breach was made, and a violent storm which occurred on the 8th December following caused further serious damage to the works. On the 27th April last your Lordships sanctioned a further expenditure of £5,000 for the completion of the works, which are expected to be completed during the present season.

SHANNON NAVIGATION.

LIMERICK AND UPPER SHANNON.

The banks, locks, gates, &c., were kept in good order during the year, considerable damage was done to the roofs of the lock-houses by the storm of December last.

A pair of new deep gates was erected at Victoria Lock, and a foot-bridge is in course of construction across the new cut. The guide piles and buoys on Lough Ree and Lough Derg were overhauled and painted.

LOWER SHANNON.

A very severe storm which occurred on the 8th December last did much damage at Kilrush Pier, in the sea wall of which a breach about thirty feet wide was made, the parapet wall and half the roadway being carried away; the necessary repairs were at once commenced, and are expected to be completed early in the month of June.

As required by the provisions of the Shannon Act, 1885, we have taken the requisite steps for transferring the future charge and maintenance of the piers on the Lower Shannon to the custody of such local authorities as have accepted the responsibility.

Clare Castle has been transferred to a body of seven trustees.

Cappa, Kilrush, has been transferred to the Kilrush Town Commissioners.

Kildysert and Querrin have been transferred to the Grand Jury of the County Clare. The transfer in each case takes effect from the 1st April of this year.

We have had the question of the transfer of the Pier at Kiltory, County Limerick, and Saleen (Ballylongford), County Kerry, brought before the Grand Juries, at Summer Assizes, 1886, and Spring Assizes 1887, of the respective counties, but these bodies have not assented to taking the charge of them, and the Board are now proceeding in the manner directed by the Statute to secure the transfer.

The transfer of Foynes Harbour to a local authority is under consideration.

LOWER BOYNE NAVIGATION.

The works of the Navigation have been maintained in good order during the past year, and call for no special reference.

IRISH REPRODUCTIVE LOAN FUND.

The following statement shows the total amount advanced on loan for fishery purposes, with one exception, Roscommon County, in each of the ten counties interested, up to 31st December, 1886, the date of the last Parliamentary return, and the total repayments to the same date :

County.	No. of Loans.	Total Amount advanced to 31st December, 1886.	Total Amount to be repaid, including interest at the rate of 2½ per cent. per annum.	Repayments to 31st December, 1886.	Balance available for Loans on 1st January, 1887.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.
Clare, . . .	318	4,631 9 0	4,913 3 1	3,892 18 11	1,788 5 8
Cork, . . .	431	16,780 10 0	17,757 11 2	12,629 16 0	1,983 17 2
Galway, . . .	1,321	17,882 17 0	18,585 16 4	12,764 8 6	2,399 3 1
Kerry, . . .	684	20,419 4 9	21,610 1 9	18,309 14 7	12,784 6 8
Leitrim, . . .	4	100 0 0	108 10 10	100 11 4	1,873 5 0
Limerick, . . .	6	282 0 0	303 10 10	252 12 10	3,329 9 2
Mayo, . . .	1,099	10,401 8 0	11,201 3 6	7,342 15 6	1,455 15 4
Sligo, . . .	286	4,592 6 8	4,904 17 8	3,309 0 6	1,544 7 10
Roscommon, . . .	1	1,500 0 0	*1,548 5 10	138 6 10	5,704 1 1
Tipperary, . . .	—	—	—	—	4,845 18 0
Total, . . .	4,050	76,759 15 3	81,233 3 0	68,840 4 0	37,740 9 0

* This includes the amount of interest actually accrued due only.

The above totals include 350 loans for £6,516 made in the year as compared with 722 loans for £11,068 in the year ended December, 1885. This decrease is accounted for by the fact, that the Funds for Counties Cork, Galway, and Mayo fell short of their requirements, to supply which allocations to the extent of £5,800 were made out of the Sea and Coast Fisheries Fund. The repayments in the year amounted to £7,345, but we regret to find the instalments in arrear are increasing, and amount to £2,188 against £1,657 in the previous year.

SEA AND COAST FISHERIES FUND.

The number of loans, viz., 399, made in the year shows an increase as compared with the previous year, viz., 134, but the amount of advances is less, being £6,932, as contrasted with £8,071.

To assist some of the counties endowed under the Irish Reproductive Loan Fund Act, allocations were made to the extent of £5,800.

The arrears have slightly increased, and amount to £2,588, including £2,511 on loans handed over to us by the late trustees.

The amount available for loans in 1887 was £19,474.

NATIONAL MONUMENTS AND ECCLESIASTICAL RUINS—IRISH CHURCH ACT, 1869.

32 & 33 Vic., cap. 42, sec. 25.

The number of buildings transferred to this Board by the Church Temporalities Commissioners for preservation as National Monuments was 137, at 128 of which the works necessary for arresting dilapidation, and insuring the preservation of the structures from decay, have been carried out with much care and judgment. At four of the remaining nine monuments referred to, little or no trace of the buildings could be discovered, and no repairs are therefore practicable; but preparations are being made for proceeding with the execution of the works of repair necessary at the remaining five structures.

The details of the works executed during the past year will be found in the report of the Superintendent, in the Appendix E.

POST ROADS.

Act 6 & 7 Wm. IV., cap. 116, section 61.

Applications from the Postmaster-General were received during the past year for repairs of post roads situate in the following counties:—

Co. DUBLIN.—Carndonagh to Malin. Co. CLARE.—Kilquane to Cragleigh

Where the roads are not already under contract, the repairs are executed under the superintendence of the respective County Surveyors. The cost of the works is defrayed by the Board, and is repayable by Grand Jury Presentment at subsequent Assizes.

COUNTY SURVEYORS' ASSISTANTS.

Seven Candidates for the office of County Surveyors' Assistants have been examined under the warrant of the Lord Lieutenant, pursuant to the provisions of the Act 6 & 7 Wm. IV., c. 116, and their qualifications certified to the County Surveyors.

LIMITED OWNERS' RESIDENCES (SETTLED ESTATES ACTS).

27 & 28 Vic., c. 113; 33 & 34 Vic., c. 36; 34 & 35 Vic., c. 84; 40 & 41 Vic., c. 31.

One Provisional Order has been made under these Acts during the past year.

ARBITRATIONS UNDER "THE RAILWAYS (IRELAND) ACTS."
(1851, 1860, 1864.)

14 & 15 Vic., c. 70; 23 & 24 Vic., c. 97; and 27 & 28 Vic., c. 71.

Arbitrations have been applied for and Arbitrators appointed for the following, viz.:—

Railways:—

West Clare Railway Company—Lands required for the purposes of the undertaking.

Great Southern and Western Railway Company—Lands required for bridge and works at Priory Road level crossing.

Cork and Kenmare Railway Company—Lands required.

Cavan, Leitrim, and Roscommon Light Railway Company, Limited—Lands required.

Companies:

The Alliance and Dublin Consumers' Gas Company—Lands required.

Commissioners:

Rathmines and Rathgar Improvement Commissioners—Lands required.

Corporations:

The Corporation of Belfast—Lands, &c., required in connexion with Belfast Improvement Acts, 1878 and 1884.

The Corporation of Belfast—Under Belfast Improvement Act, 1884.

Boards of Guardians of Poor Law Unions:

Tipperary, Mallow, Rathdrum, Gorey, Kanturk, Millstreet, Rathkeale, Newcastle West, Borrisokane, Nenagh—Lands required for the purposes of the Labourers (Ireland) Acts, 46 & 47 Vic., c. 60, and 48 & 49 Vic., c. 77.

TRAMWAYS AND LIGHT RAILWAYS.

TRAMWAYS ACTS, 23 & 24 Vic., c. 152 (1860); 24 & 25 Vic., c. 102 (1861); 34 & 35 Vic., c. 114 (1871); 44 & 45 Vic., c. 17 (1881), and 46 & 47 Vic., c. 43 (1883).

Under the provisions of the Tramways Acts of 1860 and 1861 we are required, on the application of the promoters of tramway and light railway projects, to cause an inquiry to be held into the merits of the undertakings from an engineering point of view, and to any modification in that respect which may be advantageously made, and to report our opinion thereon. These reports are directed to be submitted to the Grand Juries for their consideration in approving of the proposals made, prior to granting a baronial guarantee on the amount of capital required for the carrying out of any proposed undertaking, and to an Order of the Lord Lieutenant in Council being sought.

The cost of these inquiries has been defrayed out of funds deposited in our hands by the Promoters.

The following cases were brought forward for inquiry at last Spring Assizes, and were duly reported on by the Board:—Kilrush and Kilkee Light Railway, County Clare; Kenmare and Headfort Light Railway, County Kerry; and Galway, Headford, Cong, and Clifden Light Railway, Counties Galway and Mayo, but none of these obtained the requisite guarantees on the capital required from the Grand Juries.

The total mileage of projects guaranteed is 428 miles; the total cost, according to the promoters' estimate, is £1,884,816, and the guaranteed capital £1,672,032.

Our duty in connexion with the guaranteed undertakings is that prescribed by the 10th section, subsection 4, of the Tramways Act of 1883, which enacts that before any Order in Council is made authorizing the carrying out of a guaranteed project, we are required to furnish the Lord Lieutenant in Council with an estimate of the amount of paid-up capital which will be necessary for the purposes of the undertaking. The estimates having been examined and checked for that purpose, were submitted to the Privy Council at the hearing of applications for Orders authorizing the construction of any line of tramway or light railway, and the Engineers who checked those estimates attended at the hearing and were examined thereon. The following table shows the applications which have been passed by the Privy Council under this Act, together with the valuation of guaranteeing areas, &c., &c. :—

GUARANTEED UNDERTAKINGS passed by PRIVY COUNCIL.

Name of Project.	Promoters' Estimate.			Baronial Estimate.			Amount of Guarantee.			Guaranteeing Area.		
	£	s.	d.	£	s.	d.	£	s.	d.	County.	Baronies.	Valuation.
Carriefferry, Brehar Junction Light Railway.	7,500	0	0	7,500	0	0	7,500	0	0	Aston.	Co. of Town of Carriefferry.	26,007 6 6
Armagh and Keady Light Railway.	47,000	0	0	44,000	0	0	40,000	0	0	Armagh.	Tinney, Upper Fews, and Lower Fews.	34,025 2 6
Cavan, Leitrim, and Roscommon Light Railway.	221,800	0	0	224,800	0	0	45,000 0 0 154,800 0 0			Cavan, Leitrim.	Parts of Longhite Lower, Tullymore, Tullymore, Carrigrohilly, and Linton and Mohill.	87,225 11 6
Kilrush and Kilkee Light Railway.	40,800	0	0	43,800	0	0	40,800	0	0	Clare.	Moyra.	21,577 0 0
West Clare Light Railway.	170,846	0	0	170,800	0	0	170,800	0	0	"	All Barons.	204,719 9 0
Ballyvaughan and Timoleague Light Railway.	25,000	0	0	21,000	0	0	25,000	0	0	Cork.	Donagh and Donnybrook, and R. Cadogan, R. D. (part).	43,074 6 0
Cork, Quinlan, and Blarney Light Railway.	62,062	0	0	74,133	0	0	70,360	0	0	"	Parts of R. Shanker, Cork, and Bertha.	53,000 12 0
Metropolitan and Farnham Light Railway.	60,800	0	0	65,400	0	0	60,800	0	0	"	Donagh and Donnybrook, and Farnham (part).	79,645 18 0
Schell and Stillmore Light Railway.	61,600	0	0	61,600	0	0	55,000	0	0	"	West Corkery, W. D., " " K. D.	61,681 18 0
West Donegal Light Railway.	50,800	0	0	50,773 12 6			50,000	0	0	Donegal.	Parts of Tyndagh and Brough.	36,132 4 6
Daly, C. and Hennessey St. and Theroisy.	54,071 7 4			53,000	0	0	43,800	0	0	Delany and Wexford.	Parts of Rathdown, Uppermost, Semmick, and Tullymore.	80,036 17 0
Clough Valley Tramway.	125,385 2 2			140,000	0	0	122,000	0	0	Fermanagh and Tyrone.	Parts of Maghera, Maghera, Uppermost, Lowermost, and Clough.	20,070 2 0

TABLE—continued.

Name of Project.	Proposed Estimate.	Revised Estimate.	Amount of Guarantee.	Guaranteeing Area.		
				County.	Baronies.	Valuation.
	£ s. d.	£ s. d.	£ s. d.			£ s. d.
Wydwen and Mount Bellew Tramway.	33,292 14 9	33,000 0 0	33,290 0 0	Galway.	Parts of Ballymore, Kilfin, Tregin, Killoonal.	42,016 15 9
Leatrina and Attyglen Light Railway.	52,013 0 0	46,790 0 0	51,415 0 0	"	Parts of Leatrina, Bunkello, Aghern, Killoonal, Leatrina, Langford, and Tregin.	521,762 0 0
Trillick and Dingle Light Railway.	126,800 0 0	124,460 0 0	120,000 0 0	Kerry.	Corkinny, Glanacree, Trillick, and Urban Sanitary District of Corkinny.	148,517 18 0
West Kerry Light Railway.	120,156 0 0	147,000 0 0	117,900 0 0	"	Trillick, " " "	19,085 0 0
Shillbuck and Newtownham Light Railway.	45,673 0 0	61,700 0 0	42,068 0 0	Wicklow, Wexford, and Carlow.	Shillbuck, Newtownham, and parts of St. Mullins, Upper, and Feth, Newtownham, " " "	80,704 0 0
Newtownham and Newtownham Light Railway.	38,477 0 0	43,358 0 0	36,000 0 0	Wexford.	Newtownham, " " "	56,518 0 0

The guaranteed capital of the eighteen cases which have passed the Privy Council amounts to £1,268,448.

Having been called upon to make the engineering inquiry previous to Order in Council being sought authorizing the construction of the Bray Electric Tramway we reported favourably on that undertaking.

We inserted in the Estimates for 1886-87 an amount to enable us to meet any contributions which may become payable in respect of the two per cent. guaranteed by Government under the 9th Section of the "Tramways (Ireland) Act, 1883." Up to the present time one such application only has been received—that of the Schull and Skibbereen Company.

RECEIVER ACCOUNTS FOR LOANS.

We continue in possession of the Southern Railway having seen no opportunity of disposing of it. The line which is twenty-six miles in length connects Charleville and Clonmel, and is worked by the Waterford and Limerick Railway Company. Its gross earnings in the year 1886 amounted to £8,929, after paying for haulage, rent to the Great Southern, and other charges, there remained a surplus of £1,913. We received from the County Tipperary and other guarantors the sum of £3,145, to pay the half yearly dividend at the rate of 5 per cent. per annum on the guaranteed stock amounting to £62,900, which has been duly paid over to the shareholders holding that Stock.

Our Receiver over the Galway Harbour Revenues reports a gross receipt in the year to 31st March last of £4,080 7s. 4d. We paid over to the Exchequer in the same time £2,039, and held a balance of £624 14s. 8d., the whole of which and a larger amount will be required immediately to meet the cost of renewing the dock gates.

R. H. SANKEY.

W. R. LEFANU.

S. U. ROBERTS.

W. B. SOADY,

Office of Public Works,

Dublin. 24th June, 1887.

APPENDIX.

APPENDIX A.—

(A.)—ABSTRACT OF THE ACCOUNTS OF THE COMMISSIONERS OF PUBLIC WORKS IN IRELAND, showing the Total of

Reference to Account.	Page.	Heads of Accounts.	Balance on 31st March, 1887.	Received.
			£ s. d.	£ s. d.
A 1	36	Parliamentary Votes and Grants, viz.:— 1. Public Buildings, Royal Hibernian, &c., 2. Royal University, Ireland, 3. Museum of Science and Art, 4. Office of Public Works, 5. Excise-guarantee—Extra Receipts, 6. Land Law Commission—Church Property Department,	21,208 17 1	318,331 14 0
A 2	42	Loans Advances,	18 13 7	672,685 0 0
A 3	44	Loans Repayments,	—	318,159 6 10
A 4	44	Land Improvement Preliminaries, 16 Vic. c. 32,	337 7 10	1,411 15 4
A 5	46	District Lunatic Asylums,	180 2 3	27,020 5 5
A 6	46	Sea Fisheries, Ireland, 46 & 47 Vic. c. 26,	4,473 13 6	20,328 8 11
A 7	48	Miscellaneous Services, viz.:— 1. Deposit Accounts, 1 & 2 Wm. IV. c. 35, &c., 2. Railway and other Arbitrations, 14 & 15 Vic. c. 70, 3. Arterial Drainage Deposits, 26 & 27 Vic. c. 86, &c., 4. Piers, &c., Maintenance, 16 & 17 Vic. c. 180, 5. Inland Navigations—Shannon, 6. " " Boyne, 6. Maintenance of Navigation Works, 19 & 20 Vic. c. 42, 7. Natural Monuments, 22 & 23 Vic. c. 49, 8. Irish Reproductive Loan Fund, 37 & 38 Vic. c. 85, 9. Sea and Coast Fisheries Loan Fund, 10. Limerick, 11. Kinalea Harbour, 12. Arklow Harbour Works, 13. " Maintenance, 14. Youghal Bridge, 15. Limerick Bridge, 16. Clare Slab Restoration, 17. Clare Castle Pier, 18. Piers and Roads Commission, 49 Vic. c. 17, 19. Emigration Grants, 20. Poor Relief (Ireland) Act, 1838, 21. Galway Harbour, 22. Southern Railway, 23. Sundry Accounts,	9,007 3 0	104,020 7 5
		Total,	28,923 17 2	1,732,376 17 11
A 8	56	Statement of Final Awards under Arterial Drainage Act, 26 & 27 Vic. c. 86, with Repayments thereon, to the 31st March, 1887.		
B 1	60	Statement of Loans—amount advanced, repaid and remitted in each year from 1847 to 1887.		

ACCOUNTS.

Sums intrusted to their Management for Collection or Disbursement for One Year, ended on 31st March, 1887.

Balance on 31st March, 1886.	TOTAL.	Grants from Parliament Amounting to 31st March, 1886.	Paid.	Balance on 31st March, 1887.	TOTAL.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
—	343,194 11 1	—	340,822 17 2	2,371 13 11	343,194 11 1
—	672,643 13 7	—	669,588 6 11	3,055 6 8	672,643 13 7
—	518,159 6 10	—	518,159 6 10	—	518,159 6 10
—	1,749 3 2	—	1,728 10 9	20 12 5	1,749 3 2
—	27,170 7 7	—	26,915 10 3	2,254 17 4	27,170 7 7
—	95,302 2 5	—	87,096 2 1	7,706 0 4	95,302 2 5
—	113,627 10 5	—	104,359 8 6	9,268 1 11	113,627 10 5
—	1,771,846 15 1	—	1,742,120 2 6	29,726 12 7	1,771,846 15 1

Wm. PIERCE, Accountant.

(A 1.)—PARLIAMENTARY

RECEIPTS.	£	d.	£	s.	d.	£	s.	d.
Balance from the last Account,	—		—			24,282	17	1
1. PUBLIC BORROWINGS.								
Vote for the year 1886-87	—		242,335	0	0			
PURCHASE OF SITES :—								
NEW WORKS AND IMPROVEMENTS.—								
Carried forward,	—		242,335	0	0	24,282	17	1

of Public Works in the Year ended 31st March, 1887.

VOTES AND GRANTS.

EXPENDITURE.	£	s.	d.	£	s.	d.	£	s.	d.
Balances on Parliamentary Votes, 1885-86, surrendered to H.M. Exchequer, viz.:— Public Buildings, Royal University, Museum of Science and Art, Office of Public Works,	—	—	—	2,540	2	6	8,441	7	3
	—	—	—	10,380	0	4	2,727	4	3
							24,068	14	4
1. PUBLIC BUILDINGS.									
PURCHASE OF SITES:—									
Compensation to tenant, Dingle Coastguard Station, .	80	0	0						
Premises taken for Royal Irish Constabulary Barrack and Post Office,	120	0	0				200	0	0
NEW WORKS AND ALTERATIONS:—									
Coast Guard Buildings,	8,678	8	7						
Ordnance Survey Barrack,	1,481	3	1						
State and Official Residences,	828	10	9						
Metropolitan Police Stations,	192	13	3						
Constabulary Buildings,	13,527	11	2						
National Education Buildings:—									
Metropolitan Buildings,	1,800	19	7						
District and Minor Model Schools,	87	18	1						
Ordinary Literary Schools,	41,319	18	5						
Teachers' Residences,	279	0	0						
				43,547	16	1			
Dundrum Lunatic Asylum,	776	6	4						
Queen's College, Belfast,	198	18	3						
Customs Buildings,	350	19	6						
Post Office Buildings,	6,024	1	1						
Kingstown Harbour, Mall Packet Pier,	454	18	10						
Arklow Harbour,	94	0	0						
Kinsale Harbour, 43 & 44 Vic. c. 174,	1,500	0	0						
Carrigrohane Fishery Pier,	10	0	0				77,665	6	10
Carried forward,	—	—	—				77,863	6	10
							24,068	14	4

of Public Works in the Year ended 31st March, 1887.

VOTES AND GRANTS—continued

[illegible]

Carried forward.

211,000 1 1

장르: 드라마	장르: 3D	4
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AN ACCOUNT showing the Receipts and Expenditure of the Commissioners

(A 1.)—PARLIAMENTARY

RECEIPTS—continued.	£	s.	d.	£	s.	d.	£	s.	d.
Brought forward, PUBLIC BUILDINGS—continued.	—	—	—	—	—	—	237,123	0	0
Compensation,	—	—	—	—	—	—	—	—	—
Visit of H.R.H. the Prince of Wales,	—	—	—	—	—	—	—	—	—
Contributions to National Schools,	—	—	—	—	—	—	104	10	0
2. ROYAL UNIVERSITY, DUBLIN:—									
Amount of Vote for Building, &c.,	—	—	—	2,630	0	0			
“ “ Furnishing,	—	—	—	13,781	0	0			
“ “ Maintenance of Existing Buildings,	—	—	—	2,500	0	0			
Refund of Cost of Gas, &c., by Dublin Medical Society,	—	—	—	17	10	10			
							17,948	10	10
3. DUBLIN MUSEUM OF SCIENCE AND ART:—									
Site and Preparations for Building—Vote,	—	—	—	25,000	0	0			
Rent,	—	—	—	21	16	2			
							25,021	16	2
4. OFFICE OF PUBLIC WORKS (CLASS II.):—									
Vote,	—	—	—	50,539	0	0			
Law Costs and Stamp Duty recovered,	—	—	—	97	0	2			
Transfers and Re-Lodgements,	—	—	—	122	14	5			
							50,826	14	7
5. EXCHANGES—EXTRA RECEIPTS:—									
Public Buildings:—									
Rents,	4,060	14	8						
Sale of Old Stores, Materials, &c.,	439	6	1						
Phoenix Park and St. Stephen's Green:—				5,400	0	9			
Rents for Grazing, &c.,	739	10	0						
Sales of Deer, &c.,	88	9	7						
Kingstown Harbour:—				817	19	7			
Dues,	1,437	4	4						
Rents,	548	9	9						
Sale of old Boiler,	10	0	0						
For Purchase Money and Interest from Railway Company for Land taken,	322	18	8						
Water supplied to Shipping,	65	14	3						
Hire of Gangway planks, Cranes, &c.,	23	17	0						
Boat Licences,	15	12	10						
				2,423	16	10			
Howth Harbour:—									
Rents,	161	19	10						
Dues,	123	14	6						
				235	14	4			
Dunghale Harbour:—							13	13	0
Rents,	—	—	—						
Arklow Harbour:—									
Rents,	3	16	0						
Dues,	133	17	0						
Sales,	2	14	10						
				169	7	10			
Dunmore Harbour:—									
Rents,	26	4	6						
Dues,	37	13	11						
Sale of Land, &c.,	66	2	0						
				169	2	5			
Tyrone Navigation:—									
Tolls,	206	6	10						
Rents,	47	14	6						
				314	1	4			
Malague Navigation:—							8	18	6
Tolls,	—	—	—						
Ulster Canal:—									
Tolls,	94	8	4						
Rents,	129	19	7						
Law Costs recovered,	11	1	0						
				335	8	11			
Salaries, &c.,	—	—	—	3,260	10	9			
							12,173	14	3
7. LAND COMMISSIONS—CHURCH PROCEEDING DEPARTMENT:—									
Transfer from Miscellaneous Account for balances of ex- penditure in 1885-86,	—	—	—	—	—	—	14	13	0
							343,194	11	1

of PUBLIC WORKS in the Year ended 31st March, 1887.

VOTES AND GRANTS—continued.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward,		—	—	—	211,933	1	1	24,068	14	4
Public Buildings—continued.										
Compensation:—										
For damage to "S.S. Sturt," Kingstown Harbour,		—	—	—	161	1	0			
Visit of H.R.H. the Prince of Wales,		—	—	—	3	4	11			
Contributions to National Schools,		—	—	—	—	—	—	212,697	7	0
								36	13	4
2. ROYAL UNIVERSITY, IRELAND:—										
Buildings, &c.,		—	—	—	2,356	17	5			
Furnishing,		—	—	—	11,714	9	0			
Maintenance of Existing Buildings,		—	—	—	3,768	10	5			
								17,818	16	10
3. DUBLIN MUSEUM OF SCIENCE AND ART:—										
Site and Preparations for Building,		—	—	—	—	—	—	24,878	17	0
4. OFFICE OF PUBLIC WORKS (CLASS II.):—										
Salaries,		—	—	—	29,415	12	1			
Travelling Expenses,		—	—	—	2,578	0	5			
Fees to Counsel,		—	—	—	546	10	8			
Incidental Expenses,		—	—	—	388	17	4			
Land Improvement and Land Law Act, Salaries, &c.,		—	—	—	16,508	5	1			
								49,637	5	7
5. EXCHEQUER—EXTRA RECEIPTS:—										
Public Buildings:—										
Taxes refunded, &c.,		27	16	6						
Veterinary Inspection, Phoenix Park,		30	0	0						
Refund of portion of Cost of removing Wall at Vice-regal Lodge,		10	0	0						
Kingstown Harbour:—								67	16	6
Ballast for Shipping,		242	9	0						
Dublin Port and Docks Board,		64	15	2						
North Harbour:—								307	4	2
Rates, &c.,		—	—	—				1	17	9
Salaries, &c.:—										
Deposits refunded, &c., Land Law Act, sec. 31,		—	—	—				90	9	3
Transferred to H. M. Exchequer,		—	—	—	11,742	18	0			
								12,210	3	1
Balance,		—	—	—	—	—	—	340,823	17	2
								2,371	13	11
								343,194	11	1

Geo. PERRELL, Accountant.

F

(A 2).—An Account showing the Receipts and Expenditure of the Commissioners

PUBLIC WORKS LOAN

	£	s.	d.	£	s.	d.
To Balance, 31st March, 1886,	—			18	13	7
„ Public Works Loans:—						
Vote of Credit 1885-86, £1,500,000,	200,000	0	0			
„ 1886-87, £1,300,000,	470,000	0	0			
				670,000	0	0
„ Land Act, 33 & 34 Vic., c. 49:—						
Amount issued from Consolidated Fund,	—			—		
„ Church Fund Loans:—						
Received from Irish Land Commissioners,	—			2,625	0	0
				672,643	13	7

Office of Public Works, Dublin, 2nd May, 1887.

of PUBLIC WORKS in the Year ended 31st March, 1887.

ADVANCES.

	£	s.	d.	£	s.	d.
By Public Works Loans,						
Amount advanced on Loans, viz. :—						
Grand Juries of Counties,	3,751	13	2			
Local Boards,	2,160	0	0			
Inland Navigation,	18,500	0	0			
Public Buildings,	4,000	0	0			
Railways,	46,458	11	11			
Harbours, Docks, &c.,	33,101	0	0			
Reclamation of Waste Lands,	9,500	0	0			
Labourers' Dwellings in Towns, 29 & 30 Vic., c. 44,	3,015	10	0			
Housing of the Working Classes,	56,872	0	0			
Globe Loans, 33 & 34 Vic., c. 112,	17,091	0	0			
Public Health, 37 & 38 Vic., c. 23,	103,849	18	2			
Drainage Maintenance, 29 & 30 Vic., c. 43, &c.,	890	0	0			
District Drainage Boards, 25 & 27 Vic., c. 38,	38,256	0	0			
Post Roads, for Repairs, 6 & 7 Wm. IV., c. 115,	—					
Land Improvement Preliminary Expenses,	500	0	0			
Repairs of Fishery Piers,	297	10	6			
Maintenance of Navigation Works,	54	0	0			
Lunatic Asylums Buildings, 1 & 2 Geo. IV., c. 32,	27,030	5	5			
Emigration,	80	0	0			
Labourers' Aids,	116,288	6	0			
Land Improvement, 10 Vic., c. 32, &c.,	56,566	11	9			
National School Teachers' Residences,	6,960	0	0			
Dispenary Houses,	7,758	0	0			
Non-Vested Schools and Training Colleges,	12,551	0	0			
Land Law, 44 & 45 Vic., c. 49, c. 31,	75,442	0	0			
				690,913	6	11
Land Act, 33 & 34 Vic., c. 46—Advances on Loan,	—			—		
Church Fund Loans :—						
Land Improvement,	—			2,425	0	0
				403,538	6	11
Balance unissued,	—			2,105	6	8
				672,648	13	7

Geo. PINES, Accountant.
F 2

(A 3).—AN ACCOUNT showing the RECEIPTS and EXPENDITURE of the COMMISSIONERS
PUBLIC WORKS LOANS

	Repayments.			Totals.		
	£	s.	d.	£	s.	d.
To Public Works Loans:—						
Amounts received in repayment:—						
Grand Juries of Counties,	11,172	8	5			
Local Boards,	8,542	4	9			
Roads and Bridges,	11,188	2	10			
Island Navigation,	2,961	7	2			
Public Buildings,	813	10	2			
Railways,	20,075	11	4			
Quarries, Mines, and Miscellaneous,	58	13	8			
Harbours, Docks, &c.,	16,174	8	11			
Fishery Piers and Harbours,	891	19	0			
Reclamation of Waste Lands,	—					
Laborers' Dwellings in Towns,	10,732	3	7			
Artisans' Dwellings,	4,616	15	9			
Housing of the Working Classes,	1,719	6	11			
Globe Loans,	13,868	0	8			
Public Health,	89,836	12	4			
River Drainage and Navigation, 5 & 6 Vic., c. 89,	3,280	17	8			
River Drainage Maintenance, 29 & 30 Vic., c. 49, &c.,	3,196	14	4			
River Drainage, 25 & 27 Vic., c. 88,	30,425	7	4			
Loans per Act 57 Geo. III., c. 54,	180	0	0			
Post Roads, Repairs,	347	1	11			
Land Improvement Preliminary Expenses,	835	15	10			
Repairs of Fishery Piers,	1,876	18	2			
Groats and Bridewells,	30	0	0			
Lunatic Asylums Buildings,	27,710	16	0			
Building Schools,	24	14	0			
Relief of Distress,	135	19	4			
Seed Supply,	19,496	13	7			
Emigration,	704	13	5			
Laborers' Acts,	4,840	7	2			
Land Improvement Loans,	118,744	15	7			
National School Teachers' Residences,	2,883	1	9			
Dispensary Houses,	1,685	14	5			
Non-Voted Schools and Training Colleges,	125	4	4			
Land Law, 44 & 45 Vic., c. 49, s. 31,	30,401	18	7			
Land Act Loans, 33 & 34 Vic., c. 46,	—					
				443,351	0	19
				23,625	13	10
Church Fund Loans:—						
Land Improvement,	23,813	12	0			
Sanitary,	1,225	17	4			
Parochial Works,	20,225	19	9			
Relief of Distress,	823	10	7			
Artificial Drainage,	73	12	6			
				51,302	12	2
				518,159	0	10

Office of Public Works, Dublin, 2nd May, 1887.

(A 4).—LAND IMPROVEMENT

RECEIPTS.	£ s. d.			£ s. d.		
Balance from last Account,	—					357 7 10
Amount received from H.M. Exchequer by way of Loan,	500	0	0			
“ “ from Proprietors in Repayment of Preliminary Expenses,	911	15	4			1,411 15 4
						1,769 5 2

Office of Public Works, Dublin, 2nd May, 1887.

of PUBLIC WORKS, in the year ended 31st March, 1887.

REPAYMENTS.

	£	s.	d.	£	s.	d.
By transfers to H.M. Exchequer,	—			443,331	0	10
By transfers to H. M. Exchequer,	—			21,525	13	10
By transfers to Irish Land Commissioners,	—			51,302	12	2
				518,158	6	10

GEO. FERRIS, Accountant.

PRELIMINARIES, 1886-87

EXPENDITURE.	£	s.	d.	£	s.	d.
Amount paid to Exchequer in Repayment of Advances,	834	16	2			
„ paid for Preliminary Investigations, Advertising, Scrivenery, &c.,	893	14	7			
Balance carried to next Account,	—			1,728	10	9
				50	12	0
				1,778	2	2

GEO. FERRIS, / *com. dist.*

ASYLUMS BUILDINGS.

Account of the Commissioners for the Control, &c., of Lunatic Asylums, during the year ended 31st March, 1887, c. 33, &c., &c.

EXPENDITURE.		£	s.	d.	£	s.	d.	£	s.	d.
Amounts expended on the following District Asylums, viz:—										
Armagh,	—	3,702	12	9		
Londonderry,	—	287	4	7		
Cleland,	—	234	13	7		
Cork,	—	920	14	3		
Maryborough,	—	211	1	5		
Ballinasloe,	—	3,017	0	2		
Belfast,	—	847	19	5		
Bansecathy,	—	2,499	7	7		
Rossie,	—	1,900	14	2		
Mullingar,	—	1,107	5	1		
Letterkeney,	—	213	5	1		
Meenagran,	—	10,202	3	8		
Litlick,	—	1	1	0		
Cashel,	—	245	7	6		
Balance,	—	—			25,915	10 3
									1,354	17 4
									27,170	7 7

Geo. FERRIS, Accountant.

(IRELAND) COMMISSION.

IRELAND, during the Year ended 31st March, 1887, pursuant to Act 46 & 47 Victoria, cap. 26.

EXPENDITURE.		£	s.	d.	£	s.	d.	£	s.	d.
Expenses of Inquiry by Piers and Harbours Commission,	.	—	113	9	4					
Expenses of Engineering Staff,	.	—	2,808	1	2					
Amounts expended on the following Works:—										
Lisburne Pier,	.	.	.	.	502	15	9			
Ross Pier,	.	.	.	.	530	18	2			
Port Salen Pier,	.	.	.	.	4,034	18	3			
Clock Point Pier,	.	.	.	.	1,565	1	2			
Cardiff Pier,	.	.	.	.	4,009	13	1			
Caldoff Pier,	.	.	.	.	1,441	10	8			
Bonmahon Breakwater,	.	.	.	.	1,194	7	0			
Eskey Harbour,	.	.	.	.	2,237	12	3			
Annalong Harbour,	.	.	.	.	1,544	7	1			
Anglin Pier,	.	.	.	.	426	1	2			
Seaford Pier,	.	.	.	.	1,687	15	5			
Ballycotton Harbour,	.	.	.	.	10,510	3	2			
Mallow Head Harbour,	.	.	.	.	4,363	14	11			
Carrigrohilly Harbour,	.	.	.	.	5,334	19	5			
Kilkeel Harbour,	.	.	.	.	5,247	17	5			
Lisnagar Pier,	.	.	.	.	1,029	14	7			
Bondary East Harbour,	.	.	.	.	1,309	6	5			
Clayton Pier,	.	.	.	.	2,041	14	0			
Corn Pier, Traubodalea,	.	.	.	.	1,064	18	6			
Loughry Pier,	.	.	.	.	992	12	11			
Baltimore Harbour,	.	.	.	.	480	11	1			
Mallow Pier,	.	.	.	.	615	4	1			
Greystown Pier,	.	.	.	.	786	15	2			
Brands Pier,	.	.	.	.	1,768	3	4			
Amesbury Pier,	.	.	.	.	333	5	0			
Bondary West Harbour,	.	.	.	.	416	4	6			
Ross Pier,	.	.	.	.	289	16	10			
Collingwood,	.	.	.	.	1,673	9	2			
Clogher Head,	.	.	.	.	2,872	18	11			
Union Hall,	.	.	.	.	869	8	7			
Port Stewart,	.	.	.	.	2,035	10	0			
Carried forward,	.							2,001	17	6

IRELAND) COMMISSION—continued.

IRELAND, during the Year ended 31st March, 1887, pursuant to Act 46 & 47 Victoria, cap. 26.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward,		—			2,971 10 6					
Amounts expended on the following works:—										
Ballysodard,		1,422	5	0						
Kilkee,		1,163	7	6						
Lochna,		1,320	14	6						
Belmullet West,		390	15	3						
Gannongha,		104	15	11						
Ard West,		574	6	0						
Banowes,		2,072	16	10						
Inishkeeffin,		72	19	0						
Mason Island,		428	7	2						
Crumpton,		1,631	8	4						
Achill Vindict,		481	8	0						
Belmullet East,		1,307	10	11						
Cashla,		2,615	14	7						
Polnamuck,		338	18	2						
Killarduff,		1,123	15	9						
Passage East,		9	18	0						
Kilmece,		1,425	13	9						
Ballywillan,		467	15	1						
Dingle,		553	6	6						
Kilkerria,		622	7	9						
Ballyhalbert,		1,122	5	1						
Castletown Berehaven,		847	19	6						
Longshunay,		25	15	0						
					84,624 11 7					
Balance,		—			—			87,596 2 1		
								7,706 0 4		
								95,302 2 5		

Geo. PERKIN, Accountant.

of PUBLIC WORKS in the Year ended 31st March, 1887.

SERVICES.

EXPENDITURE.	£	s.	d.	£	s.	d.	£	s.	d.
1. DEPOSIT ACCOUNTS FOR LOANS, &c. :—									
Paid to Sundries for Preliminary Expenses,	—	—	—	—	—	—	1,105	2	8
2. RAILWAY AND OTHER AMMUNITION EXPENSES, 14 & 15 Vic., c. 79 :—									
Paid to Valuations, &c.,	—	—	—	—	—	—	2,606	15	0
3. ARTERIAL DRAINAGE DEPOSITS, 26 & 27 Vic., c. 88, &c. :—									
Paid for Preliminary Expenses, Arbitrations, &c.,	—	—	—	—	—	—	316	4	11
Carried forward,	—	—	—	—	—	—	4,028	2	7
							G		

AN ACCOUNT showing the RECEIPTS and EXPENDITURE of the COMMISSIONERS
MISCELLANEOUS

RECEIPTS—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward,		—	—	—	—	—	—	12,792	17	9
4. PIERS MAINTENANCE AND REPAIRS, 16 & 17 Vic. c. 126 :—		—	—	—	8	10	10			
Barns—Balance of Loan,		—	—	—	22	14	0			
Glenlara—Loan,		—	—	—	30	0	0			
Knockree—do,		—	—	—	—	—	—			
Drummen—Loan,		200	0	0	—	—	—			
Do. Sale of Tools,		3	1	9	203	1	0			
Spittal—Loan,		—	—	—	54	16	0	302	3	1
5. INLAND NAVIGATIONS :—										
Shannon Navigation :—										
Rents,		2,680	11	3						
Tolls,		2,037	11	1						
Sales,		70	16	3	4,828	18	6			
Boyne Navigation :—										
Tolls,		—	—	—	154	0	0	4,993	4	6
6. MAINTENANCE OF NAVIGATION WORKS, 19 & 20 Vic. c. 62 :—		—	—	—	—	—	—	54	0	0
Ballinacorney and Pallymorewell,		—	—	—	—	—	—			
7. NATIONAL MONUMENTS, 32 & 33 Vic. c. 42 :—		—	—	—	902	11	11			
Dividends on Stock,		—	—	—	10	3	0	902	14	11
Sale of Sea-fishing, &c.,		—	—	—	—	—	—			
8. IRISH RAILWAY LOAN FUND, 37 & 38 Vic. c. 86, &c. :—										
County Clare,		Dividends, &c.			Deposits.					
" Cork,		37			4			239		
" Galway,		74			11			1,816		
" Kerry,		51			11			2,284		
" Leitrim,		323			0			1,040		
" Lonsdale,		50			13			5		
" Mayo,		93			0			2		
" Sligo,		75			18			1,307		
" Roscommon,		54			19			375		
" Tipperary,		160			17			96		
"		136			16			—		
Carried forward,		1,058			14			7,358		
		—			—			8,517		
		—			—			27,429		

of PUBLIC WORKS in the Year ended 31st March, 1887.

SERVICES—continued.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward, . . .		—	—	—	—	—	—	4,028	2	7
4. PIERS—MAINTENANCE AND REPAIRS, 16 & 17 Vic., c. 136:—										
Balms—Transfer to Exchequer Extra Receipts of Amount										
of Interest on Advances,		—	—	—	2	0	10			
Glenties—Expenditure on Works,		—	—	—	0	10	0			
Knockadeen Do,		—	—	—	20	0	0			
Driniscoll Do,		—	—	—	208	14	3			
Spiddal, Do,		—	—	—	54	10	6			
								286	1	7
5. INLAND NAVIGATIONS:—										
Shannon Navigation:—										
Maintenance and Repairs of Works, &c.,		2,768	12	1						
Salary of Engineer; Wages of Collectors and Lock-keepers,		1,482	12	0						
Repayment of Clare Castle Pier Loan,		525	9	4						
Law Costs,		7	7	0						
Refund of Income Tax,		53	5	0				4,837	5	5
Boyne Navigation:—										
Maintenance and Repairs of Works,		95	14	2						
Wages of Collectors and Lock-keepers,		163	16	0						
Rent, Law Costs, &c.,		8	5	1				270	15	3
								5,108	0	8
6. MAINTENANCE OF NAVIGATION WORKS, 18 & 20 Vic., c. 62:—										
Ballinacorney and Ballycormell,		—	—	—				54	0	0
7. NATIONAL MONUMENTS, 32 & 33 Vic., c. 42:—										
Maintenance:—										
Salaries and Travelling Expenses of Architect, Caretakers' Wages, Incidents, &c.,		—	—	—	468	7	7			
Restoration:—										
Downpatrick,		2	7	6						
Ardfert,		45	0	0						
Gallure,		61	3	4						
Longfordland,		1	16	9						
Mellifont,		166	10	2						
Inishowen (Arran Island),		1	12	9						
Clonsilla,		45	3	8						
Stranabally,		20	19	8						
Bhaquet Islands,		10	3	10						
Clear Island,		14	8	4						
Tory Island,		36	18	6						
St. Audom's,		38	18	5				405	2	11
								573	10	6
8. IRISH REDEMPTIVE LOAN FUNDS, 37 & 38 Vic., c. 86, &c. 1:—										
County Clare,		614	0	0	8	11	8			
" Cork,		2,490	10	0	6	14	1			
" Galway,		238	0	0	18	15	0			
" Kerry,		1,083	0	0	165	11	9			
" Limerick,		55	0	0	—	—	—			
" Mayo,		569	0	0	1	8	3			
" Sligo,		539	2	0	2	1	10			
		5,587	12	0	153	2	7			
								6,040	14	7
Carried forward,		—	—	—				16,390	9	11
								G 2		

AN ACCOUNT showing the RECEIPTS and EXPENDITURE of the COMMISSIONERS
MISCELLANEOUS

RECEIPTS—continued.	£	s.	d.	£	s.	d.	£	s.	d.
Brought forward,	—	—	—	—	—	—	27,429	4	8
9. SEA AND COAST FISHERIES LOAN FUND, 47 & 48 Vic., c. 21:—									
Repayments,	—	—	—	—	—	4,530	3	8	
Dividends, &c.,	—	—	—	—	—	808	18	4	
Sale of Stock,	—	—	—	—	—	3,877	2	4	
							8,616	4	4
10. LINEN HALL:—									
Rents,	—	—	—	—	—	—	430	13	7
11. KENSALT HARBOR:—									
Transfer on account of Grant	—	—	—	—	—	1,500	0	0	
Do. Loan,	—	—	—	—	—	3,000	0	0	
							4,500	0	0
12. ARKLOW HARBOR—"WORKS":—									
Transfer on account of Loan,	—	—	—	—	—	—	3,000	0	0
13. ARKLOW HARBOR—"MAINTENANCE":—									
Dues,	—	—	—	—	—	—	216	7	9
14. FORMAL BRIDGE:—									
Furnishment by Grand Jury—Co. Waterford,	—	—	—	—	—	—	385	7	8
15. LORRAN BRIDGE:—									
Furnishment, Grand Jury—Co. Antrim,	—	—	—	—	—	1,170	2	6	
Do., do., Down,	—	—	—	—	—	1,170	2	6	
							2,340	5	0
16. CLARE SLOO RECLAMATION:—									
Transfer on account of Loan,	—	—	—	—	—	9,500	0	0	
Rent,	—	—	—	—	—	10	0	0	
Refunds,	—	—	—	—	—	118	11	4	
							9,618	11	4
17. CLARE CASTLE FERRIS:—									
Carried forward,	—	—	—	—	—	—	26,346	14	4

of PUBLIC WORKS in the Year ended 31st March, 1887.

SERVICES—continued.

EXPENDITURE—continued.		£	s	d.	£	s	d.	£	s	d.
Brought forward,		—	—	—	—	—	—	16,200	9	11
9. SEA AND COAST FISHERIES LOAN FUND, 47 & 48 Vic., c. 21 :—										
Loans to Fishermen,		—			7,717	10	0			
Law Costs, &c.,		—			46	11	5	7,764	1	5
10. LIXBY HALL :—										
Rent, Salaries, &c.,		—			187	16	4			
Transfer to Her Majesty's Exchequer,		—			240	0	0	427	16	4
11. KINSALE HARBOUR :—										
Superintendence, Law costs, &c.,		—			132	10	4			
Contractors,		—			5,448	0	0	5,580	10	4
12. ARKLOW HARBOUR—"WORKS" :—										
Contractors,		—			5,140	0	0			
Superintendence, &c.,		—			176	3	8	5,316	3	8
13. ARKLOW HARBOUR—"MAINTENANCE" :—										
Salary, Labour, &c.,		—			—			326	14	0
14. YOUNGAL BRIDGE :—										
Refund of over remittance by Grand Jury for Interest on										
Overdraft,		—			21	6	6			
Interest on Overdraft,		—			23	9	0	44	15	6
15. LEBURN BRIDGE :—										
16. CLARE SCOT RECLAMATION :—										
Labour, Materials, Superintendence, &c.,		—			8,084	9	3			
Hire, &c., of Plant,		—			179	15	9	8,264	5	0
17. CLARE CASTLE FINE :—										
Expenditure on Works,		—			—			47	8	7
Carried forward,		—			—			45,132	4	9

of PUBLIC WORKS in the year ended 31st March, 1887.

SERVICES—continued.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward,		—	—	—	—	—	—	45,132	4	9
18. PIER AND ROADS COMMISSION, 49 Vic., c. 17 :—										
Expenditure on Works, Superintendence, &c.,		—	—	—	—	—	—	20,317	8	7
19. EMIGRATION GRANTS :—										
Grants to Poor Law Unions,		—	—	—	—	—	—	303	0	0
20. POOR RELIEF (IRELAND) ACT, 1886, 39 Vic., c. 17 :—										
Grants to Poor Law Unions in aid of outdoor relief in food and fuel,		—	—	—	—	—	—	20,000	0	0
21. GALWAY HARBOUR RECEIVER'S ACCOUNT :—										
Repayment of Loan,		—	—	—	2,039	0	0			
Salaries; Dredging; Maintenance, &c.,		—	—	—	1,676	3	4	3,715	3	4
22. SOUTHERN RAILWAY :—										
Payment of Interest on Loan,		—	—	—	1,700	0	0			
General Expenses of Management,		—	—	—	2,076	18	10			
Dividends, Income Tax, &c., paid on Barefoot Guaranteed Stock,		—	—	—	3,197	8	4	6,974	7	2
23. SINKING ACCOUNTS :—										
Corrival of Kildare,		—	—	—	51	14	4			
Loose Insurances, Premiums paid,		—	—	—	86	9	4			
Income Tax,		—	—	—	281	4	2			
House of Industry Hospitals,		—	—	—	1	3	6			
Island Bridge Waterworks,		—	—	—	24	6	5			
Board of Admiralty,		—	—	—	38	9	9			
Board of Trade,		—	—	—	232	4	0			
Drainage Works Closing Account,		—	—	—	0	3	4			
Land Law Commission (Church Property) Office,		368	7	6						
Parliamentary Votes Account, " Transfer from		14	18	9						
General Irvine—Receiver's Account,		—	—	—	403	6	3			
Dividends paid Contractors,		—	—	—	16	0	0			
Relief of Distressed Unions Act,		—	—	—	6	1	10			
Wellesley Bridge,		—	—	—	225	0	0			
Temporary Receipts,		—	—	—	32	17	10			
					5,817	17	11	7,917	4	8
Balances,		—	—	—				104,539	8	6
								9,268	1	11
								113,627	10	5

Geo. FINCH, Accountant.

(A.S.) ARTERIAL DRAINAGE.—

These Works are executed under District Board in

SCHEDULE—ABSTRACT OF FINAL AWARDS, and Repayments

Districts.	Courses.	Date when Awards made final.	Area of Flooded or Improved Land, which have been drained or improved (Statute Measures)	Cost per Acre of the Drainage, including Interest, &c.	Increase in the Annual Value of these Lands, saved by Drainage.	Amount of Installments payable to repay Cost, with Interest, after deducting Reductions.	Total of the above, as repaid and interest.
Adelphi River, . . .	North, . . .	4th April, 1849, . . .	1,368 0 27	8 0 5½	269 16 0	502 2 2	44
Balkinawarty, . . .	Limerick, . . .	2nd Oct., 1873, . . .	179 0 5	7 1 8	82 5 1	23 18 4	70
Ballycasan, . . .	Queen's, . . .	9th Oct., 1868, . . .	883 2 0	4 5 8	204 15 0	89 5 0	44
Ballygreagh, . . .	King's and Queen's, . . .	9th April, 1868, . . .	2,582 1 23	7 5 5½	316 14 0	184 8 3	44
Ballynary, . . .	Kildare, . . .	13th Mar., 1873, . . .	1,355 2 39	4 0 5	568 4 3	248 1 11	39
Bunakyle, . . .	Limerick, . . .	2nd April, 1863, . . .	1,017 1 39	9 15 1	6 7 19 9	249 14 10	20
Bodisavog, . . .	King's, . . .	27th Mar., 1873, . . .	998 3 20	3 7 1	197 12 8	59 5 3	44
Brickley River, . . .	Waterford, . . .	26th Sept., 1870, . . .	829 1 20	5 4 3	297 2 1	129 18 2	70
Bride River, . . .	Cork, . . .	9th Oct., 1862, . . .	1,269 3 4	6 15 8	531 3 2	214 4 4	44
Carnage, . . .	Limerick, . . .	26th Sept., 1870, . . .	1,268 3 0	9 3 1	337 4 8	288 13 0	70
Carrigish River, . . .	Tipperary, . . .	30th May, 1872, . . .	1,657 1 4	4 3 7	388 4 7	219 15 3	44
Cornell, . . .	Kildare, . . .	16th Jan., 1870, . . .	747 2 0	3 6 5	171 12 9	77 1 5	44
Curryglass, . . .	Longford, . . .	9th Oct., 1862, . . .	114 3 37	5 9 4	27 14 1	15 3 9	70
Derrinlough, . . .	King's, . . .	8th Oct., 1864, . . .	622 0 30	3 6 5	163 15 4	61 10 10	44
Doshyle, . . .	Limerick, . . .	9th Oct., 1871, . . .	409 2 32	6 2 7	145 9 2	71 2 9	44
Douglas River, . . .	Carlow, . . .	31st Mar., 1873, . . .	5,068 2 0	4 7 2	925 16 0	425 14 4	44
Elphin, . . .	Roscommon, . . .	26th Mar., 1873, . . .	5,265 3 12	4 11 2	1,038 1 10	482 13 7	44
Frankford River, . . .	King's, . . .	27th Mar., 1873, . . .	1,204 2 0	6 5 3	414 16 0	204 17 11	44
Do., . . .	Do., . . .	4th April, 1864, . . .	—	—	—	44 13 5	94
Garistown and Delisk, . . .	Meath and Dublin, . . .	3rd April, 1862, . . .	5,289 0 13	1 9 4	461 3 0	145 8 9	44
Gully, . . .	Queen's, . . .	4th Oct., 1873, . . .	1,264 0 10	4 4 11	242 13 9	143 1 5	44
Gully, Upper, . . .	Do., . . .	14th Mar., 1876, . . .	506 1 16	4 15 7	129 12 2	29 8 11	70
Hogan's Pass, . . .	Tipperary, . . .	9th Oct., 1868, . . .	855 1 29	5 18 0	288 13 10	121 1 3	70
Island Lakes and Glenc River, . . .	Mayo, . . .	2nd April, 1873, . . .	1,457 0 22	5 16 4	443 5 6	908 9 10	70
Kildare, . . .	Kildare, . . .	26th Sept., 1877, . . .	2,847 3 30	3 11 6	586 7 10	111 6 6	44
Kilmacilla, . . .	Tipperary, . . .	30th July, 1870, . . .	1,681 1 18	6 10 7	282 12 3	315 6 9	44
Laracor, . . .	North, . . .	3rd April, 1860, . . .	879 1 29	7 0 7	584 12 10	184 10 10	70
Lane River, . . .	Kildare and Carlow, . . .	9th Oct., 1868, . . .	1,094 5 20	16 8 11	639 5 0	492 17 0	70
Lough Oughter, . . .	Carlow, . . .	6th April, 1878, . . .	3,077 1 30	5 1 11	945 16 9	508 2 1	70
Mulken River, . . .	Limerick, . . .	26th Sept., 1877, . . .	2,350 2 24	9 4 1	923 9 13	747 17 6	70
Panostown, . . .	Tipperary and King's, . . .	22th Sept., 1874, . . .	2,719 0 1	4 4 6	650 19 3	284 16 9	70
Quinagh, . . .	Carlow, . . .	16th Jan., 1870, . . .	680 3 0	3 13 5½	208 1 5	81 5 7	44
Rathangan River, . . .	Kildare, . . .	4th April, 1868, . . .	9,864 2 3	8 12 5	3,044 19 10	1,645 1 2	70
Rathdowney, . . .	Queen's, . . .	9th Oct., 1868, . . .	413 1 30	6 6 1	189 0 4	84 19 1	44
Silver River, . . .	King's & Westmeath, . . .	9th Oct., 1870, . . .	1,092 2 39	3 12 8	215 10 9	128 16 6	44
Stamilebridge, . . .	Clare, . . .	4th April, 1871, . . .	2,585 0 4	7 13 2	1,229 14 11	411 13 7	44
Stoneyford River, . . .	Kildare, . . .	9th Oct., 1864, . . .	3,864 0 0	8 15 3	1,680 15 10	721 17 4	70
Swallowham, . . .	Cavan, . . .	23rd Mar., 1860, . . .	985 2 19	7 6 0	133 15 2	65 0 6	44
Sully Burn, . . .	Donagall, . . .	9th Oct., 1866, . . .	1,404 2 19	6 2 1	485 5 8	214 9 4	70
Tarrant River, . . .	Tyrone, . . .	2nd April, 1873, . . .	433 1 16	11 7 1	226 18 10	135 7 3	44
Tory Hill, . . .	Limerick, . . .	2nd April, 1878, . . .	981 3 2	6 4 4	434 13 4	156 11 4	44
Upper Bary, . . .	Meath, Westmeath, Longford, & Cavan, . . .	4th April, 1861, . . .	11,675 2 7	7 8 3	2,780 2 4	2,163 16 10	70
Ward River, . . .	Dublin and Meath, . . .	4th April, 1862, . . .	896 0 18	7 10 1	314 9 3	166 4 6	70
Total, . . .			78,838 3 0	6 8 0	24,223 3 3	13,161 11 4	—

[Continued on next page.]

a These charges have expired.

26 & 27 Vic., c. 88, &c.

according to the Provisions of the above Acts.

thereon, for the Year ended 31st March, 1887.

Total Amount Advanced, including interest to date of Audit.	Portion of Total Amount charged to Creditors for Public Works, or refunded by Drainage Board.	Amount charged on Loans.	Repayments.			District.
			To 31st March, 1886.	For year ended 31st March, 1887.	Total.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
11,141 16 2	-	11,141 16 2	11,949 11 6	794 4 4	12,743 15 10	Athboy River.
1,968 8 10	-	1,968 8 10	1,003 10 0	65 16 8	1,069 6 8	Ballinacorney.
3,950 8 0	89 10 0	3,570 18 0	446 12 0	178 11 0	435 3 0	Ballyadam.
5,975 9 1	-	5,975 9 1	6,608 19 11	368 16 6	6,974 16 5	Ballynacorney.
8,211 1 2	350 15 2	7,860 6 0	5,935 17 8	459 11 6	6,395 9 2	Ballynacorney.
8,196 17 9	*469 12 7	7,527 5 2	1,905 11 6	667 1 0	2,572 3 5	Barradale.
2,200 0 0	-	2,200 0 0	143 14 8	73 12 6	216 7 2	Barradale.
3,107 2 4	-	3,107 2 4	2,240 18 9	138 18 0	2,379 17 3	Boolinacorney.
4,323 12 0	-	4,323 12 0	4,641 17 7	336 5 3	4,978 2 10	Bridge River.
8,721 8 5	105 2 6	8,615 5 9	1,195 19 0	599 19 8	1,795 18 8	Bride River.
11,745 19 6	900 0 0	11,545 19 6	5,191 2 1	468 13 11	5,659 16 0	Canoga.
6,958 11 6	-	6,958 11 6	6,050 18 1	635 7 6	6,686 5 7	Clodagh River.
2,489 13 0	-	2,489 13 0	2,622 5 4	154 2 10	2,776 8 2	Connel.
328 15 0	-	328 15 0	88 19 0	56 7 9	145 6 9	Corrygona.
2,105 12 9	40 0 0	2,065 12 9	1,285 16 7	94 3 6	1,380 0 1	Derrisnagh.
2,513 6 0	-	2,513 6 0	1,751 13 5	28 12 0	1,780 5 5	Dooby.
13,663 6 8	190 0 0	13,473 6 8	9,720 11 10	621 16 4	10,342 8 2	Douglas River.
15,940 17 0	458 0 0	15,482 17 0	14,905 7 3	961 6 0	14,966 13 3	Elphis.
6,746 8 4	80 0 0	6,666 8 4	4,396 2 1	202 7 1	4,778 9 2	Frankford River.
875 17 4	-	875 17 4	138 15 8	58 7 10	197 3 6	Do.
4,948 15 0	225 0 0	4,723 15 0	1,533 0 0	298 0 0	1,831 0 0	Gurinstown and Debin.
4,517 11 6	-	4,517 11 6	3,792 14 9	284 2 10	3,976 17 7	Gully.
2,447 15 2	70 0 0	2,377 15 2	1,046 6 10	155 15 2	1,202 0 0	Gully, Upper.
5,366 12 0	214 4 0	5,152 8 0	214 4 0	360 0 0	544 4 0	Hogan's Pass.
8,794 13 7	*100 0 0	8,694 13 7	4,325 9 5	358 14 6	4,717 3 11	Island Lakes and Glare River.
8,657 4 6	220 0 0	8,337 4 6	4,911 12 4	3,780 2 0	8,691 14 4	Kilmore.
10,980 7 8	-	10,980 7 8	11,114 0 9	669 4 8	11,783 5 5	Kilnashalla.
6,517 12 10	35 15 4	6,181 17 6	1,693 16 2	293 3 4	1,986 19 6	Laracor.
27,916 2 0	502 0 0	27,714 2 0	368 0 0	1,316 11 1	1,518 11 1	Lea River.
16,188 4 0	-	16,188 4 0	5,283 0 9	832 16 2	6,115 16 11	Loughoughter.
20,779 0 0	854 1 0	19,914 19 0	12,911 3 11	1,171 5 3	13,182 7 2	Mulkear River.
11,690 17 1	150 0 0	11,540 17 1	6,715 7 11	599 18 3	7,315 6 2	Parsonstown.
2,700 18 5	*300 0 0	2,500 18 5	2,800 18 8	162 11 2	2,963 9 10	Quinagh.
77,607 6 9	1,185 0 0	75,422 6 9	10,117 19 9	13,002 4 7	23,119 17 4	Rathangan River.
2,648 6 3	-	2,648 6 3	2,921 13 0	174 11 4	3,096 4 4	Rathbarney.
3,971 2 9	-	3,971 2 9	4,003 9 0	237 13 0	4,241 2 9	Slieve River.
20,598 13 11	424 1 9	19,904 12 3	19,365 0 1	1,035 10 5	20,399 10 6	Stonestrade.
22,220 0 0	1,645 11 10	20,575 0 0	4,748 10 3	1,239 1 10	6,087 12 1	Stonyford River.
2,662 5 6	145 0 0	1,939 5 6	890 6 0	136 1 0	1,026 7 0	Swanhook.
9,291 13 5	637 18 9	8,654 14 6	-	621 19 5	651 19 5	Swilly Barn.
5,332 1 6	*14 0 8	5,144 11 6	3,895 17 2	337 10 8	4,163 7 10	Torrens River.
6,110 13 8	-	6,110 13 8	2,765 17 2	984 15 6	3,040 12 8	Tory Hill.
92,496 5 6	2,122 13 6	90,374 12 0	23,039 13 8	4,576 9 9	28,076 3 5	Upper Lasy.
6,845 17 9	*3,750 0 0	3,095 17 9	984 9 0	313 17 9	1,298 6 9	Ward River.
518,225 6 8	15,960 14 0	502,265 10 8	210,473 17 11	23,498 19 10	219,972 17 9	

£ 22,520 issued out of the Church Fund.

* Refunded by Drainage Board, being portion of advances not expended.

(A 8.) ARTERIAL DRAINAGE.—

These Works are executed under District Boards in

ARTERIAL DRAINAGE WORKS in progress

Districts.	Counties.	Date when Awards made final.	Area of Flooded or Inundated Lands, which have been drained or improved, Statute Measure.	Cost per Acre of the Drainage, including Interest, &c.	Increase in the Annual Letting Value of these Lands, caused by Drainage.	Amount of Endowments payable half yearly, to repay Cost, with Interest, after deducting Redemption.	Number of half-yearly instalments to repay principal and interest.
			A. R. P.	£ s. d.	£ s. d.	£ s. d.	
	From preceding page,	"	"	"	"	"	"
Ballysague and Kilmore,	Wexford, . . .	"	"	"	"	"	"
Cashin River, . .	Kerry, . . .	"	"	"	"	"	"
Glashcoo, . . .	Cork, . . .	"	"	"	"	"	"
Greenagh, . . .	Limerick, . . .	"	"	"	"	"	"
Long Run, . .	Fermanagh, Cavan, Monaghan, and Donegal, . . .	"	"	"	"	"	"
Do, . . .	Do, . . .	"	"	"	"	"	"
Milford, . . .	Cork, . . .	"	"	"	"	"	"
Nanny River, . .	Meath, . . .	"	"	"	"	"	"
Nanny River Upper, . .	Do, . . .	"	"	"	"	"	"
Owncore, . . .	Meath, . . .	"	"	"	"	"	"
River Suck, . . .	Roscommon & Galway, . . .	"	"	"	"	"	"
Upper Morning Star, . .	Limerick, . . .	"	"	"	"	"	"
Total charge against districts,			"	"	"	"	"

Office of Public Works, Dublin, 2nd May, 1887.

26 & 27 Vic., c. 85, &c.

accordance with the Provisions of the above Acts.

showing the Issues made to 31st March, 1887.

Total Amount advanced, including interest, to Date of Award.	Portion of Total Advances charged to Counties for Public Works, or refunded by Drainage Board.	Amount charged on Loans.	Repayment.			Districts.
			To 31st March, 1886.	For postponed 31st March, 1887.	Total.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
{ 518,225 6 8 }	-	-	220,473 17 11	33,498 19 10	253,972 17 9	
{ 2,350 0 0 }	-	-	-	-	-	
10,428 0 0	-	-	-	-	-	Ballyteague and Kilmore.
4,000 0 0	-	-	-	-	-	Cashel River.
588 0 0	-	-	-	-	-	Glanbea.
1,000 0 0	-	-	-	-	-	Greenagh.
180,060 0 0	-	-	-	-	-	Lough Erne.
15,000 0 0	-	-	-	-	-	Do.
6,700 0 0	-	-	-	-	-	Milford.
7,000 0 0	-	-	-	-	-	Nanny River.
600 0 0	-	-	-	-	-	Nanny River Upper.
8,600 0 0	-	-	-	-	-	Omnium.
{ 80,000 0 0 }	-	-	-	-	-	River Suck.
{ 3,798 1 0 }	-	-	-	-	-	Upper Morning Star.
5,860 0 0	-	-	-	-	-	
747,501 6 8						
78,138 1 0						
733,637 7 8	-	-	210,473 17 11	33,498 19 10	243,972 17 9	

/ Issued out of the Church Fund.

Geo. PIERCE, Accountant.

APPENDIX B.
PUBLIC WORKS LOANS, IRELAND.

STATEMENT showing the PRINCIPAL SUM OUTSTANDING at the COMMENCEMENT and END of each YEAR, the AMOUNT ADVANCED, the PRINCIPAL REPAYED, the INTEREST PAID, and the PRINCIPAL REMITTED in the years 1817 to 1887.

Year ended.	Principal outstanding at the commencement of the Year.	Amount advanced in the Year.	Repayments.		Principal repaid.	Interest paid.	Principal remitted.	Principal outstanding at the close of the Year.
			£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
From 1 to 31 January, 1817.	—	704,535 17 3	906,086 18 10	35,418 15 4	—	—	—	431,071 0 5
31 January, 1818.	431,071 0 5	346,519 2 13	61,204 22 7	5,319 8 4	—	—	—	431,071 0 5
1819.	310,413 10 11	189,120 9 11	23,187 4 3	5,181 5 11	—	—	—	376,233 16 6
1820.	370,080 18 8	124,022 5 2	26,819 14 7	9,041 11 6	—	—	—	370,080 18 8
1821.	318,876 5 6	126,569 18 0	15,379 15 4	11,264 1 2	—	—	—	341,362 13 6
1822.	311,306 4 8	109,072 18 0	139,236 10 8	12,896 17 0	—	—	—	308,456 2 8
1823.	361,332 18 8	219,480 4 7	109,150 13 6	8,165 3 6	—	—	—	1,000,000 11 6
1824.	308,635 3 6	231,023 6 5	239,413 18 2	13,808 18 0	—	—	—	1,000,000 11 6
1825.	1,000,000 11 6	187,128 1 12	162,086 13 8	9,771 10 3	22,000 13 8	—	—	1,000,000 11 6
1826.	1,000,000 11 6	204,281 13 3	225,789 13 6	2,069 14 10	—	—	—	1,171,128 16 3
1827.	1,171,128 16 3	268,222 1 30	246,739 2 0	6,179 19 11	—	—	—	1,421,400 6 8
1828.	1,421,400 6 8	219,896 4 11	178,800 7 4	6,243 10 4	—	—	—	1,530,140 2 7
1829.	1,530,140 2 7	221,376 18 8	181,451 5 13	16,134 8 4	—	—	—	1,661,823 17 2
1830.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1831.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1832.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1833.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1834.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1835.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1836.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1837.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1838.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1839.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1840.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1841.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1842.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1843.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1844.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1845.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1846.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1847.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1848.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1849.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1850.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1851.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1852.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1853.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1854.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1855.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1856.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1857.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1858.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1859.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1860.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1861.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1862.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1863.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1864.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1865.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1866.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1867.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1868.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1869.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1870.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1871.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1872.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1873.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1874.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1875.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1876.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1877.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1878.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1879.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1880.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1881.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1882.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1883.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1884.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1885.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1886.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2
1887.	1,661,823 17 2	244,022 4 11	202,687 18 0	17,006 12 6	—	—	—	1,661,823 17 2

APPENDIX B.—Statement showing the Principal Sums outstanding at the commencement and end of each Year, &c.—continued.

Year ended.	Principal outstanding at the commencement of the Year.			Amount advanced in the Year.			Payments.		Principal received.	Principal outstanding at the close of the Year.		
							Principal repaid.	Interest paid.				
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
31 March, 1873.	8,165,318	8	0	273,544	15	11	273,557	15	10	78,820	8	0
" 1874.	8,064,416	10	3	271,749	10	5	259,921	2	4	68,866	4	0
" 1875.	8,005,815	4	1	272,470	1	5	258,514	10	5	69,790	8	8
" 1876.	8,000,318	2	4	267,803	16	7	254,804	8	8	65,998	4	4
" 1877.	8,001,081	18	3	265,640	4	11	256,785	19	8	66,716	6	6
" 1878.	8,004,107	8	18	265,136	13	3	257,080	2	8	64,819	8	0
" 1879.	8,102,897	0	1	300,816	10	11	277,844	8	3	72,063	2	4
" 1879.	8,266,873	16	8	275,793	11	0	212,338	11	2	72,601	25	8
" 1879.	8,266,885	4	0	217,809	8	7	251,261	12	4	60,318	5	1
" 1879.	8,266,867	13	8	266,655	10	9	250,261	8	8	66,598	10	2
" 1879.	8,279,969	19	18	265,181	18	13	257,085	4	11	67,795	19	11
" 1879.	8,266,779	9	3	261,286	2	6	263,744	14	3	43,810	18	11
" 1879.	8,004,402	27	8	269,168	39	3	282,404	0	3	73,782	8	8
" 1879.	8,181,443	0	11	440,812	13	3	309,369	10	7	71,480	18	0
" 1879.	8,216,318	10	11	244,608	13	8	263,413	0	8	67,156	5	8
" 1879.	8,266,303	3	0	266,267	18	11	261,643	7	4	76,813	0	8
" 1879.	8,414,727	8	13	453,980	0	0	230,707	12	1	66,814	10	11
" 1880.	8,629,799	3	16	416,793	15	6	261,287	8	0	102,792	16	0
" 1881.	8,264,874	7	6	2,077,777	35	1	260,440	7	8	194,780	7	8
" 1882.	6,064,790	8	4	845,227	0	8	321,604	22	8	154,049	17	2
" 1883.	6,473,314	14	5	266,868	24	0	247,108	11	8	189,480	13	2
" 1884.	6,176,312	8	11	696,366	12	1	263,338	11	8	171,482	11	8
" 1885.	6,566,799	17	10	276,135	16	0	263,413	2	3	184,813	29	3
" 1886.	7,764,114	14	0	725,687	8	8	212,868	7	9	226,410	8	3
" 1887.	7,766,838	5	16	263,328	8	13	266,884	16	11	221,247	15	11
				86,174,676	34	11	78,273,264	18	5	4,372,207	1	8
Contingent Fund.				21,293,242	20	4	16,884,480	8	8	4,126,467	17	1
Church Fund.				1,866,808	15	7	169,436	7	6	41,614	4	8

Office of Public Works, DUBLIN,
2nd May, 1887.

GEORGE FERRIS, *Accountant.*

APPENDIX E.

NATIONAL MONUMENTS AND ECCLESIASTICAL RUINS.

Since my last report works for the repair and preservation of the following monuments have been carried out in addition to such ordinary works of maintenance as were found necessary to those monuments which had been put in repair during previous years.

1. Clones Round Tower, County Monaghan.
2. Great Fort and O'Brien's Castle.
3. Fort with Moosaents.
4. Ruins of Church, Kill Gobnet.
5. " Barial place of Seven Daughters.
6. " Tempal Coonagh.
7. Fort Mo har Bann.
8. Fort Cener.
9. Ruins of Church, Kill Connough.
10. " Tempal Cairnagh Derigun.
11. Drumlake Tower and Church.
12. Taghadoo Estate Tower, Kildare.
13. Killelshay Church, Queen's County.
14. Slenny Old Church, " "
15. Clonsallin, County Dublin.
16. Mahore Island, County Kerry.
17. Mollifost Abbey, Louth.
18. St. Andrew's Church, Dublin.
19. Church and Cells, Blesquet Islands.
20. Gallarus Castle, Kerry.

ISLANDS OF AHEAN.

No. 1.—CLONES.

The ruins here are the round tower, the remains of the abbey, the curious coped tomb in the graveyard and the cross in the market place. Considerable repairs had to be done at the tower: it has been pointed both inside and out. In many places the mortar had entirely disappeared from between the stones through the entire thickness of the walls. The abbey has nothing worthy of preservation. The foundation of Clones Abbey dates back as far as the 6th century by St. Tigernach, who died in 548 A.D., and was buried at Clones. The coped tomb in the graveyard is a particularly interesting structure, very ancient and evidently erected to some ecclesiastic of note. There is no inscription to indicate its date or ownership.

No. 2.—ISLANDS OF AHEAN.

The remains on the South Island consist of O'Brien's Castle erected within the circuit of a large pre-historic fort. The castle is 16th century work and although extensive has little of architectural detail. It has been carefully repaired.

Kill Gobnet Ostrory. Eighteen feet in length 13 feet 6 inches wide.

Tempal Coonagh.—These ruins have been repaired as far as necessary. They all exhibit two dates of work. The walls are very ancient. The pointed doors and circular-headed windows are insertions. In one of the stone-roofed cells on the south island was found a human skeleton strangely doctored up. The most interesting discovery on this island was within the circuit of a fort much covered with sand and not far from the landing place. It had evidently been used as a burying place both in Christian and Pagan times. On the top were many graves evidently Christian, but near to the surrounding wall was discovered a cut unaccompanied by upright stones. On investigating this several disney urns were discovered, the mouths downwards, and containing burnt bones and ashes. These urns, together with the remains of others found in proximity but outside the fort, have been presented by the Board to the Royal Irish Academy. The fort is called in English the Fort of the Fern.

The fort and burialplace of the Seven Daughters is also on this island. It is a very extensive structure and near to this is a curious isolated altar.

On the middle island are the great forts Moher Din and Fort Cener, the Church of Kill Connough.

The works on the forts have been the repairing of breaches with dry walling and the underpinning of some of the walls. Then on the churches the underpinning of portions of the walls and any repairs necessary to prevent further demolition.

Drumlake Tower and Church.—This tower is a wonderful example of fitted masonry. It is only half its original height and the upper portion is a different masonry to the lower part. The church is of considerable dimensions, the windows were originally fitted with tracery but little architectural details remain, but the excavations near the building have resulted in the finding of a great portion of the jambs of the main entrance. A considerable amount of work has been done here and the building is now in a position to resist decay for many years.

Killelshay, Queen's County.—The principal interest in this church is the western doorway, consisting of four recessed arches with steep pediment over. The ornament on the vase-like remains one of the arch at Monasterevin, near Roscrea. The ornament is not so fine, but it has a delicacy which puts it in another category from the Romanesque. I need only refer to page 63, Lord Dunraven's work, edited by Miss Stokes, for a description of this beautiful doorway with the inscriptions thereon. The date of the church was early in the 12th century. The works connected with this building have, as in all other cases, been confined to the maintenance of the structure without attempt at restoration.

Clonsallin.—The Round Tower here has been thoroughly repaired, and is now in a safe condition.

Mahore Islands.—The cells and oracles on these islands are particularly interesting as examples of archaic building and are of the same character as the Aran forts. In one of the cells referred to, in a recess in the wall there was found an ancient bell of iron encrusted with copper. This bell has been presented by the Board to the Royal Irish Academy, together with two or three other objects of interest found at the same place.

Mollifost Abbey.—The accompanying illustrations of this most interesting ruin show the extent of the original church. The remains of the most ancient part of it are indicated by the dotted lines which mark the portions of early walls. Excavation has been made in the direction of the line of the nave running westward, and resulted in the finding of portion of the pier of this part of the church. There is therefore little difficulty in arriving at a conclusion as to the original plan of the building. The walls of the south transept, with the exception of one pier, are of later date than the other portions, no doubt this south transept was similarly divided by piers and arches as the north. Considerable alterations were made in succeeding years. The central piers have been remodelled in the 15th century, and the walls of south transept rebuilt at same time. The north side of the nave is not of early date, but there is no doubt this portion of the church extended for a considerable distance in a westerly direction with piers and arches.

The dotted portion of the plan indicates the early church which preceded any portion of the existing ruins with the exception of the wall at the west of St. Bernard's Chapel. The ruins form a most attractive subject for the antiquary.

St. Andrew's.—The Portlester chapel and side of St. Andrew's. This interesting ruin has been carefully examined and the works of reparation have resulted in many curious discoveries.

The windows at the south side have been cleared of the brickwork with which the spaces between the mullions were filled; the blocked window openings at the eastern end have been placed as nearly as possible in their original condition. The floor has been concreted and the masonry of the piers repaired. In the ruined side of St. Andrew's indications of pointed arches blocked with masonry offered the suggestion that something would be discovered. On removing

this a plastered wall was found, with frescos in vivid colours painted on. The date of this work must be prior to the middle of the 15th century, as corbel stones of a section of that date are built into the picture. Similar fresco work was discovered in the second arch on removing the masonry.

Signed, THOMAS N. DEANE,
Superintendent.

APPENDIX F.

ANCIENT MONUMENTS SCHEDULED UNDER ACT 45 AND 46 VIC., CAP. 73 (ANCIENT MONUMENTS PROTECTION ACT, 1882).

During the past and previous year works have been carried out at Glen Malin (Donegal), Dornth Rath, and Loughcrew (Meath). The results have been most interesting and are likely to prove more so.

Glen Malin (Donegal).—The remains of ancient structures in this glen may be classed under three heads:—Cromlechs, cists with cell, and penitential stations. Besides these there are numerous underground structures, and others which may have once been under ground but are now above. The most important cromlechs are those near Mallinmore, they form a group of six, the stones of immense size. They pass under the name of "Dermot and Granah's Bed." These cromlechs are placed in a line, not quite straight, counting them from west to east.

No. 1. The stones comprised (see illustration, No. 1), in this cromlech number five, which vary in size. The supporting stones, forming the sides, have given way, thereby causing the covering stone to slip. This stone measures 9 feet 6 inches by 6 feet, and is 13 inches thick; one end rests on a side stone, two of the supporting stones were displaced when the covering stone fell. These stones are respectively 7 feet by 3 feet, and 9 feet by 4 feet. The remaining supporting stone undisturbed is 10 feet high.

No. 2. (See illustration, No. 2.) This cromlech is composed of six stones, five are standing, the covering stone has fallen. The side stones are lower at one side than the other, one covering stone is 5 feet by 4 feet 6 inches. The higher side stones, 5 feet by 3 feet, on the other side 4 feet by 2 feet, and 3 feet 6 inches by 2 feet.

No. 3. (See illustration, No. 3.) This cromlech is composed of seven stones. The covering and one side stone have fallen. The cell formed by the side is 8 feet 6 inches by 4 feet, the covering stone, 8 feet 6 inches by 6 feet, and the two stones on the south 4 feet long by 4 feet high, and 5 feet long by 4 feet high.

No. 4. (See illustration, No. 4.) This cromlech consists of two chambers, each 4 feet by 4 feet. The covering stones have fallen, and the chambers filled with rubbish. It is proposed to examine carefully the debris around these structures, taking care not to disturb the stones.

The number of standing stones is seven, one covering stone alone remains, probably the others have been taken away. The ground between this and the next cromlech bears evidence of connecting ranges of stones.

No. 5. (See illustration, No. 5.) Composed of five standing stones, the covering stone, 11 feet by 7 feet. This covering stone has fallen, and stands on its edges.

No. 6. (See illustration, No. 6.) The stones here are of great dimensions. The covering stone has fallen, it measures 11 feet by 11 feet, the surrounding uprights vary in height from 11 feet to 8 feet, and 4 feet to 8 feet wide. This is the last of the group of six. The surrounding land gives evidence of further structures of a similar nature. There is one pillar stone, 7 feet by 4 feet, in the centre of stones of less dimensions. Not far from the pillar stone are two

cromlechs, the first, with covering stone, 11 feet by 10 feet by 2 feet, a standing side stone 7 feet high. Another smaller one has fallen.

The second cromlech of this group has covering stone 11 feet by 6 feet, the only standing side stone 8 feet high.

Clocharra Pillar Stones, or the Rocking Stones. These are two pillar stones, 5 feet 6 inches high each.

Glocharra More. (See illustration, No. 7.) A large enclosure, with several cells at the northern end, and two cells, one at either side of the entrance. The walls are 10 feet thick. The external dimensions of the enclosure are 95 feet by 65 feet. Foundation stones of a further wall to the west have been discovered four feet below the surface of the bog. A careful examination is being made of the interior, and the cells are being cleared out. I propose to further examine the debris at the western end. At either side of the entrance are inscribed stones (see illustration, No. 8.) This is the only instance I have seen of inscribed stones in the district. At the north side of the glen are several most interesting structures, some below the ground, others above. They consist of immense stones, both at the sides and covering. They appear to be less disturbed than any similar structures I have seen, and are well worthy of careful examination. I have no doubt that the whole of this side of the glen is studded with similar cells.

In the graveyard of the Protestant Church is a curious underground passage connected with two chambers. The passage is 22 feet long by 2 feet 6 inches wide. The chambers are 11 feet by 7 feet 6 inches, the other 13 feet by 4 feet 6 inches. The latter is stopped with a large stone at the western end, which I propose to remove and examine how much further the chamber extends. The result may be interesting, as I have no doubt this chamber is connected with a large stone circle immediately above it.

Penitential Stations.—The twelve stations in Glencolumbkille still attract the devotion of the people, each is marked with a cross with carefully designed inscribed work.

The first cross (see illustration, No. 9) is in honour of St. Fured's and St. Carmel's well in close proximity to the outward. These wells are simple holes in the sward, 10 inches in diameter, but giving a constant water supply.

The first Penitential Station.—Inscribed cross, height 6 feet, width 2 feet (see illustration, No. 10).

Second Station.—Cross 5 feet 4 inches high, crosses inscribed on both sides (see illustration, No. 11).

Third Station.—A cairn of stones.

Fourth Station.—A cairn of stones.

Fifth Station.—Inscribed cross near small ruin, called Spanish Chapel; quarter of a mile from here is the well dedicated to St. Kieran.

Sixth Station (see illustration, No. 12).—Stone circle filled with pebbles, with stem of cross. Quarry—Are these pebbles curing stones as at Inish Murray?

Seventh Station (see illustration, No. 13).—A beautiful cross.

Eighth Station (see illustration, No. 14).—Large inscribed cross.

Ninth Station (see illustration, No. 15).—Fine inscribed cross.

Tenth Station (see illustration, No. 16).—Inscribed cross.

Eleventh Station (see illustration, No. 17).—A stone seat with large stones set at the back, called the Station of Prayer (in Irish, *Ath na gloos*—place of knees).

Twelfth Station.—A cairn; near this is Columbkille's Chapel, measuring 18 feet 6 inches by 10 feet, walls 2 feet 5 inches thick, built in mortar about 4 feet high; near this chapel is what is called the bed covered with stone slab and surrounding stones, near this is a slab of stone inscribed with a cross, called in Irish, *Lack na man*, or "under stone." Here all requests by prayer are made.

Thirteenth Station (see illustration, No. 18).—Small cross.

Fourteenth Station (see illustration, No. 19).—Triple station, each stone engraved with a cross.

Dorah Rath (*Moath*).—(see illustration, No. 20).—The accompanying plans and sections of the above monument illustrate the result of excavations which have lately been carried out. From time immemorial the existence of the cruciform chamber was known as well as the small chambers towards the south, commonly called the king's tomb. The entrance to these is by a passage twenty-seven feet long, formed by eighteen upright stones, and covered with slabs of great size.

The centre chamber is octagonal, 8 feet between the sides, the chambers right and left are 6 feet formed by five stones. The chamber forming the head of the cross is also formed of five stones, and is 5 feet 5 inches from end to end. The king's tomb is 9 feet 9 inches by 3 feet 6 inches, beyond which is a second chamber 4 feet by 3 feet 6 inches, and to the north of it two smaller chambers.

On the floor of the central chamber is the hollow slab so frequently found in similar structures. Nearly all the lining stones of the central chamber are covered with devices, the character of which I shall refer to hereafter. The form of the path is circular, about 800 feet by an average of 45 feet high. The entire is surrounded by stones of great size set on edge. Certain indications of further subterranean passages gave the clue to the excavations which have been carried on, and resulted in the discovery of further passages. On commencing at the northern end of the known entrance to the central chamber an opening was made which led to a passage terminating at either end by circular cells carefully roofed with corbelling stones. In this passage were found a quantity of bones, mostly bones and lower animals, but none human. The passage has an incline towards the south. On emerging from it at the point where it met the entrance to the originally known chamber a flight of steps was discovered. I have no doubt that these chambers were approached only by this passage, and that the entrance used for many years was used for the investigation of the contents of the central portion.

In the circular cell at the southern end of the covered passage were found three articles, a bronze pin, a buckle, and an iron dagger. I have shown these to competent judges, whose opinion is worthy of respect, and they look on the pin and dagger as Danish, and the buckle as Irish work.

Should they be correct it would confirm the belief that Dorah was one of the places sacred by the Danes.

(See Annals of the Four Masters.) To the south of the passage described further excavation was carried on, and a curious chamber was discovered fourteen feet in diameter, surrounded by massive stones most of which are covered with similar carvings to those found in the cruciform chamber. This chamber appears to have been approached by a passage towards the south-west, also formed by very large stones. On the largest stone to the right are four hollows of a type well known to antiquaries. The obscurity as to the meaning of the devices carved on these stones has led me to compare them with markings on pottery, also with masons' marks used at the present day and in past ages, both in India and other parts of the world. The devices on the pottery of the *Sund Indians* (of which they are able to give explanation), and which are seen on the ware obtained for the University of Oxford, and so beautifully illustrated in proceedings of the *Anthropological Institute* at Washington, may help to give a clue to the meaning of the devices at Dorah, Loughcrew, and elsewhere. I find so many similar devices on the Cyprian ware corresponding with those at Dorah, which will enable the reader to compare notes and further investigate this very interesting subject. The mark known as the *serpent's tail* is common to India, Cyprus, and Ireland; and, in the churchyard at Dingle, I have found this on a very ancient tomb. The cruciform shape of a chamber or a device must not lead to the opinion that it is Christian, it is more likely to be a symbol of the sun. I do not pretend to explain the devices on Dorah, but merely wish to give a clue to further investigation and comparison.

I think that there can be little doubt that the markings are astronomical or connected with the elements when these affected the feelings and habits of the people at the time they were made. No doubt some of the markings tend to the belief that they were made to illustrate the ramifications of the Rath; they were made in or in surrounding similar structures, those especially on the rocks near to Slieve Fort, in Kerry, lead me to this theory. These were partially examined by the late Lord Dunraven, but much more remains to be done, and a careful investigation of the archæological remains of that part of the country are well worthy of further examination.

The works at Dorah are completed; the crater formed in the top of the Moath has been partially filled up, and the chambers and passages are protected and left in such a manner as will enable them to be examined.

Loughcrew (*Fossis, Moath*).—The tombs on the Loughcrew hills have also received attention. These were thoroughly examined in 1863. The interesting volume by Eugene Alfred Conwell, Esq., so carefully describes them that it is almost needless to go into further particulars. The great danger to these monuments was the exposure to the atmosphere of the inscribed stones—a prolongation of the entrance covered by a rough arch has been thought the best way of preserving them. This is being done.

The cave of Drumlagan, county Waterford, is carefully protected by surrounding wall with gate, this effectively preserves the Ogham inscription from injury.

No work has been commenced at Turn, and it is very difficult to say what can be done owing to the extent of the earth-works and the value of the grazing land in which they are.

Corcoran's (*Sligo*).—These monuments have been visited. They are of great extent. It is proposed to proceed at once with the necessary excavations.

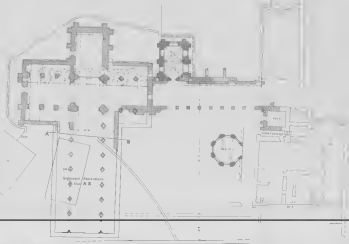
Signed, THOMAS N. DEANE, Superintendent.



THE GREAT HALL, WESTMINSTER

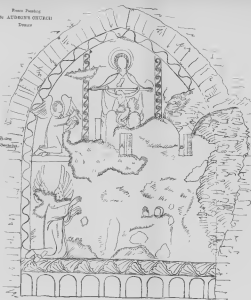
MELLIFONT ABBEY.

GROUND PLAN.



From Painting
IN ABBEY CHURCH
TREASURY

A fine Stone
Carving of the Virgin Mary



From the same



No. 1. Dermot and Grania's Bed.



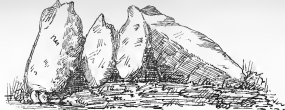
No. 2. Dermot and Grania's Bed.



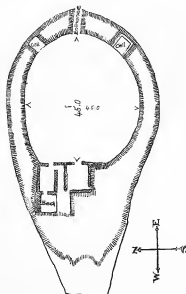
No. 3. Dermot and Grania's Bed.



No. 4. Dermot and Grania's Bed.



No. 5. Dormet and Granie's Bed.



No. 6. Cloughan More.





No. 8.



No. 9. First Cross. - Glencolumbkille.



No. 10. First Station.



No. 11. Second Station.



No. 12. Sixth Station.

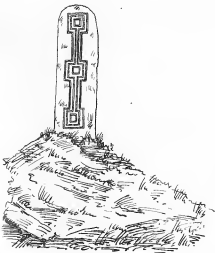




No. 14. Eighth Station.



No. 15. Ninth Station.



No. 16. Tenth Station.



No. 17. Eleventh Station—Ath na Gloon



No. 18. Thirteenth Station.



No. 19. Fourteenth Station.

North-Moche
& Cŷ MEATH



Plan of Port
of Central Cells



Plan of Newly
discovered Chamber



PLAN



Elevation T&U



Elevation R&S



Elevation View



Elevation X&Y



SECTION EAST

